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<213> Homo sapiens

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<223> Genbank Accession No. U60061

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U66661

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<400> 3406

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. U68142

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U68233

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U68494

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U79266

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<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. U79294

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<212> DNA
<213> Homo sapiens

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<220>
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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U79716

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. U82468

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U85193

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 <212> DNA
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<220>
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 <212> DNA
 <213> Homo sapiens

<220>
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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U86409

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<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U86529

<400> 3450

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<211> 960

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. U89606

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<211> 1512

<212> DNA

<213> Homo sapiens

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<212> DNA
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<220>

<223> Genbank Accession No. U90545

<400> 3454

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<211> 1991

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U90549

<400> 3455

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U90551

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<223> Genbank Accession No. U90904

<400> 3457

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<211> 1303

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. U90913

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aaattgctga	taataatgac	aatactatta	atagcaattc	taatggtaac	gctaattgcta	37560
agaataattt	gttttttgag	actgaacctc	tctctattgc	ccaggctgga	gtgcagtggc	37620
gcaattctag	ctcactgaaa	cctctgcctc	ccgggttcaa	gcaattctct	tgccctagcc	37680
tcccaagtag	ctgggactac	aggcactctc	cactatgcct	ggctaatttt	ttgtattttt	37740
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cgcccacctc	ggccttcacg	agtgtcggga	ttacaggcgt	gagccactgc	gcctggccat	37860
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gatcatagct	cactgcagcc	togacctcct	gggttcaage	tatcctcccg	cctcagactc	37980
ctgattagct	gggactacag	gcatgcatca	ccatgcctgg	cccaaaaatt	aactgttgat	38040
gagcactttc	ggtgtgcaag	gtccttttca	cccgaattat	caatttggtg	agttaaccaa	38100
aaaagacttt	gggctctcga	tcccttaata	aaggtacaag	ttctaagaca	aaggaggcaa	38160
gtgtcatact	ttatgtttta	gtgttcaaa	ggaagactgg	agtgggggtg	ggggaagagc	38220
agagaagatt	gtaggggtga	aaaagtgtcc	ttacttccat	tgagaaaaag	cctgctctgt	38280
caggaagagg	aaaacagaaa	ggagaagctt	gcggccagga	gtgggtggcac	acgtctgtaa	38340
tcccagcact	ttgagagact	gaggcagggt	gatac			38374

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<210> 3464
<211> 505
<212> DNA
<213> Homo sapiens
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<220>
<223> Genbank Accession No. W02027

<220>
<221> unsure
<222> (1)..(505)
<223> n = a or c or g or t

<400> 3464
ntttcaaagt ttttttaata tcctgcaggt aataacactg attttttctaa tactcagaaa 60
catctactta gcagttgtga tactaatttg caaaatgtaa taatgttata caaatataag 120
atactactaa atacatagta gaaataattg catgattcct gatatttata ttcaagggtat 180
aaacatgact gatttcgctg atactacaga ataaaaaaaa taaagctgct atgtaaaaaa 240
ttaagaata tctcaattac gatatttttg ttcccaatct ctttcagaca gatctatgaa 300
ataatataga atatactatc aatatgttct ttcatatgaa gtgaaaaaaaa tgggatttaa 360
gtagtggat aatttcnatt ttttacnttt ttaaaaaaat agacagggnc cctggctatg 420
gtggcccagc cgggtcccca actcctgggg ctccgtgggtg ctccngcct cagcctcccc 480
aagtgccgg gnttataggg cctgg 505

<210> 3465
<211> 379
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W02041

<220>
<221> unsure
<222> (1)..(379)
<223> n = a or c or g or t

<400> 3465
gggattagga gaacactctt taatgataaa gcctgtccaa gtactaagga caattagagt 60
aggcaggtga cctgtacaaa gtattagtga taacacaaca ttcagcttcc taagagttaa 120
aacgtgctgc ttacatgaag ggagatgata ctgagctaag aagtcctggt atagagaagc 180
agagagacca acctacttca tattatttat aaaatagaga atattctcag ctaacatgct 240
gggagaaaaa attcttccaa aaaggcagaa ttacaatcaa tgccaagatt tacaattcc 300
atcatgttta attataagga caaaaataaa catttcctta tttaaaaaa accccccaat 360
tttcccccaa ctatagcnt 379

<210> 3466
<211> 439
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W02695

<220>
<221> unsure
<222> (1)..(439)
<223> n = a or c or g or t

<400> 3466
tttttttttt ttttttatag aagtactctg atttttattg ttatacaaca tatatatata 60
attgtttccc caaaatatgc acaattacat gtgtcaattt taaaaaatga atgaagacta 120
taatgtaaaa cctatagctg taaaattcct agcacaatac agaagggtga agcttcatga 180
caactggctg tggcaataat ttgggggacg taacatcaac ggatgagaca acaaaagcaa 240
gggaatacac atgggtactga atcagtgtat gaaaaatatc ccaaacagac aaagcagaac 300
atggaataga tatatngcac attgtagtat tagtcacaaa catgttacct tggaagcaaa 360

tgtaccctta aggattgagt tagattcagc aaacagggca cgtacaatca ctggggatag 420
cattcagcct taaaaataa 439

<210> 3467

<211> 485

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W03796

<220>

<221> unsure

<222> (1) .. (485)

<223> n = a or c or g or t

<400> 3467

tctgaggact cagctggaac caacggggcac agttggcaac accatcatga catcacaacc 60
tggtcccaat gagaccatca tagtgctccc atcaaatgtc ataaacttct cccaagcaga 120
gaaacccgaa cccaccaacc aggggcagga tagcctgaag aaacatctac acgcagaaat 180
caaaagtatt gggactatcc agatcttgtg tggcatgatg gtattgagct tggggatcat 240
tttggcatct gcttccttct ctccaaatct taccgaagt acttctacac tgggtgaactc 300
tgcttaccca ttcattaggac cttttttttt tatcatctct nggctctcta tcaatcgcca 360
cagagaaaag gttgaccaag cttttgggtg atagcagcct ggttggaagc attctggagt 420
gctctgtctg gccttgggtg gggtttcatt atcctgggtc ggtcaaacag ggcaccttaa 480
atcct 485

<210> 3468

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W04507

<400> 3468

ttttttttta aacaatattc aagttttatta aacaaataaa aaaagtatta taaaatgttt 60
aactttcatc agcttcaagg tttatgttgc tcccgaattt tgcatacaac tgaactttca 120
aatctgctaa cactcgctga attgattcca ctctggattc taaggcgtca atttcttctt 180
gcaaattttt ctttgcttct tctaacattt cttgcgtttc ttcttgagaa tggctaata 240
agacatcacc aatttgataa ggtatcatta agcaatcatt atctgcaagc atgatgtcat 300
cacaagcatc ttctagggtt tggagttgtt tctttttttt ttctatttct tccttcagct 360
ct 362

<210> 3469

<211> 228

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W04550

<400> 3469

tttttttttt tttttttttt tttttttttt ttttagaaaa caagttttct atttatttaa 60
aaataagttt gtagttacta cattgcaggg acaggtattc ttacacatac attctagttt 120
gtataaaagg attcaaagaa ttatgcatca aaactaacat agaaagtgtc cacgtaacag 180
taaagaaagg tccaatcagt atgtacaaaa agaaagggca ctgctatt 228

<210> 3470

<211> 526

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W07723

<220>

<221> unsure

<222> (1)..(526)

<223> n = a or c or g or t

<400> 3470

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gggagaacgc catcagctca ctgcttaaaa nnanaccaca ggactnatta tgggtcgact 60
tgatgggaaa gtcacatcc tgacggccgc tgctcagggg attggccaag cagctgcctt 120
agcttttgca agagaagggtg ccaaagtcac agccacagac attaatgagt ccaaacttca 180
ggaactggaa aagtaccccg ggtattcaaa ctctgtgtcct tgatgtcaca aagaagaaac 240
aaattgatca gtttgccaat gaagttgaga gacttgatgt tctctttaat gttgctgggt 300
ttgtccatca tggaactgtc ctggattgtg aggagaaaga ctgggacttc tcgatgaatc 360
tcaatgtgcg cacatggtac ctgatgatca aggcattcct tcctaaaatg cttgctcaga 420
aatctggcaa tattatcaac atgtcttctg tgggcttcca gcgtcaaagg agttgtgaac 480
agatgtgtgt acagcacaac caaggcagcc gtgattggcc tcacan 526
```

<210> 3471

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W15275

<400> 3471

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tttttttaga tgagaattta agctttttatt aataaatcat gatttttctat tgaatacata 60
ataaagtaca attaacaata acataacatt acaacattaa aaattaaaac tttcagaatc 120
accttgatca atatataaag ctttagttcc ttatttcaac agtgttcttc tcatatgcaa 180
aacagcttcc caaaataaga gattcgtgaa tgaaatttta taaagcttcc tgtgtaccaa 240
agagattgac tccacatcaa ctgtccccta ctgaaaatcc aaaccataca ggcttgagg 300
accagaactg agccacattc tattaagatt atcaaagata aaatcttaaa g 351
```

<210> 3472

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W15417

<220>

<221> unsure

<222> (1)..(445)

<223> n = a or c or g or t

<400> 3472

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ttttttttgt ctttttatta ttctttattg gtcctaccaa tgtgactctt taccagggcc 60
cactgttctc atgcgcactg gctttgtagg cattcacatc atatgtctgt gtcctgaaaa 120
tctcaattaa tttctccttc ctattccttt tccatgctct gcctcatttt ctcagaaatt 180
gaaggcattt gattattatt ttnttgtttg ggtctgtgta aagggttcctt ggcaggagaa 240
catgcatatg actttaaaat aaagaccaac attctgacac taaggtaatg cacagaaaaa 300
atacagtact cagacatcat tgcaaataaa taccacatac agatgaagtt atctcaaatt 360
taacaatatt tcttatgaat caacactgta acggaagggt aaaaatagga gtccttacia 420
ctaggaataa gaaatggctt attcc 445
```

<210> 3473

<211> 435
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W15495

<220>
<221> unsure
<222> (1)..(435)
<223> n = a or c or g or t

<400> 3473
tttttttttt tgaaagggtta aaaataacat tctttttaata agtttaaact tttagagaaa 60
agagaaatat actgagaaag acccatataa ctgcttcaac aaagaaaaca acttcttcat 120
tatcttcata ctttacttca tattacaaat tttgtgctac tgttagatga tatattaatt 180
ttatttttcat tacataaatt gaggaagaaa tgcagaatca gattcaaata tattacaagg 240
catttaaggg aggtgtgtcc tgttgctgaa cagtaaatta tctgaaaatc tacttttttn 300
ttttttggag atggtctcat tctgtcacac agctggagtg cagtgtcgtg atctcggtc 360
actgcagcct ccacctcctg ggttcaagca attctcatgc cttagcctcc caagtagctg 420
aggcaagaga aacac 435

<210> 3474
<211> 414
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W15528

<400> 3474
ttttttctgt tttaaagttt cctttatttc tttagatcct tatgaaacat tccatcgttt 60
gcagatcata gtgctttatt aacaaattca tgtgttcttt tcccatccct ttaatacaaa 120
aaaattattc atcagttatt ttcactctgac atttctactaa gtacagaatg cataatgtca 180
acattattag atcagccatt caagtgggtc acataagttt atcctcattg tgccaaatac 240
ccactcaaag gataagctga ataacagatg cctccagggt tatacaacaa ccttagtttc 300
ttgacttgaa ctagtctgt ttaacagggt aaactggcta agtctttcta agtaaaactaa 360
aaaagactca agtacacagc tgtacatata tatcatcaga tgggtaagtt catt 414

<210> 3475
<211> 501
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W16686

<220>
<221> unsure
<222> (1)..(501)
<223> n = a or c or g or t

<400> 3475
ggatttttta aagcttttct gttcaccctc ctgccagnaa aatcccagaa agcttaaatga 60
taccccaataa tgattacacc cagggaggaa aaaaaggagc gctttctagg gtcagaatcg 120
tggagagaaat actcagaaat gaacctcttt aaagccttgc aggaatgagt cactcttact 180
taatgaaatg ttaaagccaa ttaaaaagca tgctgtgatg ccagcttcc ctttccacag 240
ggtgcatgctg tctctgtctg gtgaatcaca tgcggcaaga ggcaactggc tccacagcct 300
gggatgctgc cgtaccaaga ggaaagaagc agcaaaatgc ctttacgttg tctaaacccc 360
cgacgcataa agtgtagagg agggatggcc aagggtgggt ggtagaaagt gtgttcaggc 420
tgacactggc aatgagtaca gataattnac ttntctctta ggggcaaagn tgatggctct 480

actttgtanc aggagaactn c

501

<210> 3476

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W20094

<220>

<221> unsure

<222> (1)..(698)

<223> n = a or c or g or t

<400> 3476

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gctcttgaac ccagaaggcg aagggttgag tgagccgaga tcatgccatt gtactctagc 60
ctgggtgacg ggagcaagac tccgtctcaa aaaaaaaaaa aaaaaaaaaa agaagtagag 120
acagggagac ggggtctcac tgtgttgcc aggccggctc tgaactcctg ggctcaagtg 180
attctccac cttgacctcc taaattgttg ggattacagg tgtgagacag tgcacctggc 240
cgaaatagct caagtttctg aaaaacaaat ctgaatctat ttgttattct tagcgctact 300
ggctctggctt tcagaattaa catacaaggt tgccacacct agttctggcc cagctttatg 360
gtcttttatt ccagtattcc accaaagttt gtttttctct cattccagtt ctcaagtctt 420
aaggataaag atngtacttg acagtttagt atatccataa aactatttga aggtgggttaa 480
ggttccttgg gttcaatttt ccttaaaact ttgcctgaat atnggaagat ttaggggcaa 540
tgaaaagggtc tactaaatta ggaaaacctt gaaataaatt agggatccna ggtaagagcc 600
cctaaacatc aagcaatctg ggagtctgta agaaatnaat attttttggg taatcctaac 660
naatccaccc ngttggaagn ggatccttgt ccttgcaa 698
```

<210> 3477

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W20276

<400> 3477

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gttaactgtc accttccact cagggcctct gctctatatc tattcccttc cagccagact 60
ggaagatggg ggcttcccct acccctgagg atgaggacaa gccctcggca gttcagcggt 120
ccgtgcttct cccttgggca gctctctctt gagccctcac ctgtttcttt ctgtgaagcg 180
agaatgtctg aaaataaata ggaccatggc aaaaaaaaaa aaaaaaaaaa tt 232
```

<210> 3478

<211> 243

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W20391

<220>

<221> unsure

<222> (1)..(243)

<223> n = a or c or g or t

<400> 3478

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naaaaaaaaa ccaaactatt ctttatttga tagccctggg acatgggtgcc ctccacccaa 60
taaagcacc tccagcaacc ctcccacccc tcaccgcgata catagacata gggacacaca 120
cacacacaca cacacacaca cacacacaca cacacacaca cagatctgga tccgtcttca 180
cttctgttgg gcttgagcag taccaataac aactgggttc accttggaag gcaaagcgta 240
```


gaa

243

<210> 3479

<211> 187

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W20467

<400> 3479

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gttttttttt gagtcaaggt ctaactctgt catccaggct ggattgcagt gaccagttta 60
tagctcattg cagcttcgaa ctttggggct caagccatcc ttacacctca gcctctgagt 120
agctgagacg acagatgagt gtcatcacat ccagctgttt tttgtttgct tgttgttttt 180
tgtttgtt                                     187
```

<210> 3480

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W21426

<220>

<221> unsure

<222> (1) .. (435)

<223> n = a or c or g or t

<400> 3480

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accaaggtgg gccatgcggt gtttggtctt atacctgatg aagaaatggc aacagctgac 60
agaaatgggt acagctcatc aaaaatgtgc agcaccggca gagggaagat acggggcaaa 120
tgtgcttcct gatgcttcca tggggatgtg ccctggtgtg catctgcttg tcaggaagag 180
tcacattgct gcttaacatg ctggattgcc ctagtctttg ccnagcctt cagaatggtc 240
ctgagaaaac atcactactt cgatgttcta ctttgctttc caaggagcaa aaataacttt 300
ggagccttct gggaagtgtg cctgggattc ttcagttggt ttcaggcaga tagttgagac 360
tgggggcttt gatattcaag gtctttggca agaatcccag gcttgaccaa ctgggtaccc 420
aggtcaaaga ttttt                                     435
```

<210> 3481

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W26716

<220>

<221> unsure

<222> (1) .. (606)

<223> n = a or c or g or t

<400> 3481

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tnnnncagcc gggaggatac caggatagac gctatgactg aggctgatgt gaatccaaaag 60
gcctatcccc ttgccgatgc ccacctcacc aagaagctac tggacctcgt tcagcagtca 120
tgtaactata agcagcttcg gaaaggagcc aatgaggcca ccaaaaccct caacaggggc 180
atctctgagt tcctcgtgat ggntgcagac gccgagccac tggagatcat tctgcacctg 240
ccgntggtgt gtgaagacaa gaatgtgccc tacgtgtttt ngggtccaa gcaggccctg 300
gggagagnct gtnggggtctc caggntgtc atcggctgtt cnttcaacat caaagaaggg 360
tcgcaggttg aaaacaggag atccaatcca ttcaggaggc cattgaaagg ntcttaggct 420
taacctgtgg ggctctncan gttntccctn ccagttcccc ccagagnnga ttcaanttgg 480
```

gnttaccagg ttaattntta aannnnnnnnn nnnnnnnnt nnttntna nnnnnnnnn 540
 nnnnnnnngn tttttttnat nnnnnnnnt nnnnnntnt ttttnnnnn nntnnntnn 600
 nnnntt 606

<210> 3482
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W26769

<220>
 <221> unsure
 <222> (1)..(617)
 <223> n = a or c or g or t

<400> 3482
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 tcagtcagaa gagtgaatca ggtngaaagg gttnanagaa gttgcctaga gtttggaat 120
 tnaaaagaaa aagatntnct tgtnngccc cnngacctga ccgacactgg ttcccatgaa 180
 gcggttacca aagctgttct ccaggagtn ggtagaatcg acattctggt caacaatggt 240
 ggaatgtccc agcgttctct gtgcatggat accagcttgg atgtctacag aaagctaata 300
 gagcttaact acttagggac ggggtccttg acaaaatgtg tnctgcctca catgatcgag 360
 aggaagcaag gaaagattgn tactgtgaat tagcatcccg ggtntcaat attcttgtac 420
 ctcttnccaa ttgggattct gtgctaagca ngcaatccnc tcccgggggtt ttntntnggg 480
 ccnccnaaca gaaattgnca aaattcccn nntnttatag tttcttaca tngcccgga 540
 ncctttnaan ccaatttttg nggggattcc nntnggcntt accnggttna cttgccaaan 600
 nnnnnnttc ccccng 617

<210> 3483
 <211> 585
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W26996

<220>
 <221> unsure
 <222> (1)..(585)
 <223> n = a or c or g or t

<400> 3483
 ncctcnntnn nntttnnnnn tcgctnttgg aggtgccgaa gacccttctt gctactcct 60
 cactgccagc tgggacctag gctcagtcct gtgtgggtgcc catgacccct ctgggtggggg 120
 aagagttaa gttatagggc atttggtca aattttaaaa ggctttngt ttacctatat 180
 ttctggaggc tcctgtattc tagaaccaa tctctcacct gcttgngga aaggntcata 240
 tttttggggn ccttccctat agattctgta gnattngagt gtggaaatat ttttaattgtg 300
 tntagatttc taagaaccaa cactactcag tctcctgcta gtctgactcc tgaagcatca 360
 gcccttgctca tactgtattg actgtgtacc gtgcctttca ccttgagcat gcttcaggat 420
 tttttttaa ccacagaact tgaatacatg agggaaccag agttcaaagt cctatgaacc 480
 cttaggaggg ggtagagag tcttttttgg gttgatgtt cttganggcc ctagaggngt 540
 tgggttcaat tagggagtng attcaanttg ggttaccagt gatng 585

<210> 3484
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. W27023

<220>

<221> unsure

<222> (1)..(639)

<223> n = a or c or g or t

<400> 3484

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ncnnnnnnntn gtnggnctcg cccaaacgaa gtctgccgtc tcctctgctg cacaactgca 60
gcaggactga ngtcacctga cgtcttcttg gtgtggaaac gggattttca tgtctcaggg 120
agtaggtttg tgcagttaca gcttttctgt tggatgcat aattaataat tggagctgca 180
aagcagatcg tgacaagaga tggacgggtc gaagaaaaat tggaggaca aggttgttga 240
cctcctgtac tggagagaca ttaagaagac tggagtgggtg tttggtgcca gcctattcct 300
gctgctttca ttgacagtat tcagcattgt gagcgtaaca gnctacattg ccttggncct 360
gctctctgtg accatcagct ttaggatata caagggtgtg atccaagcta tccagaaatc 420
aagatgaagg ccacccattc agggcatatc tggnatctga agtgntattt cttaggagtg 480
ggtcanaagt caagaatctg tctgggcang tgaactgacg ataaaggacn cagcgccct 540
tcttgngggg antngatcaa ntgncgtttn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn cnnnnnnnnn nnnnnnnncn nnnnnnnnnn 639
```

<210> 3485

<211> 590

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W27503

<220>

<221> unsure

<222> (1)..(590)

<223> n = a or c or g or t

<400> 3485

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ttttntcatc tgggtctcact tcacagaaag ctccccggga gccattagcc ttcagtgaag 60
acaggaggca agccatcatg cttttggcca cacttgggtc agttactttt ttgtgaatgt 120
ccatctttat cagagaaggg aaattagcaa ggaaagtttc tggcagtact tcctgttctt 180
catggaaact caacattatt ttctcagcct cagagagttc cttgtcacca ttgtgggctt 240
tgagagagcc cttaaagcatt gtacctagtgt gtacctagtgt acttccaacc aaagcctttg 300
agtatgcact aaataggtga gaagaaagga gagaagggtt ttaggttaga aaccctttta 360
cccatagaaa ggatatggtt ttttggtaaa gcttggancc aagtttgnat ttttnggagg 420
gcttggagat gaagggaagn ttcttaccag ntngtaagan agttgagtng attcaaattg 480
tttngttttn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 590
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<210> 3486

<211> 839

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28235

<220>

<221> unsure

<222> (1)..(839)

<223> n = a or c or g or t

<400> 3486

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gnnnnnngnn nnnnnnnntn tnttgagnac cgcagtngca gcagcagcag ccgctgncgc 60
aaacaagccc tcccacgttt gaggggagtc atgagccgtt tcctgaatgt gttagaagt 120
```

tggctggtta	tggtgtccat	catagccatg	gggaacacgc	tgcagagctt	ccgagaccac	180
acttttctct	atgaaaagct	ctacactggc	aagccaaacc	ttgtgaatgg	cctccaagct	240
cggacctttg	ggatctggac	gctgctctca	tcagtgatcc	gctgcctctg	tgccattgac	300
attcacaaca	agacgtctta	tcacatcaca	ctctggacct	tcctccttgc	cctggggcat	360
ttcctctctg	agttgtttgt	cttatggaac	tgcagctccc	acgattggng	tcctggcanc	420
cctgatggtg	gnaagtttct	ccatcctggg	tattgtggtc	ggctccngta	ttttagaagt	480
agaaccagtt	ccagacagaa	gaagagaact	gaggcagaat	atcaacccca	gggtggatca	540
antgggttac	aagtggttna	aaannnnnnn	nnnnnnnnnc	nnnntnntnt	naannnnnnn	600
nnnnnnnnnn	nnnnnnnnna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnc	839

<210> 3487
 <211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W28362

<220>
 <221> unsure
 <222> (1)..(657)
 <223> n = a or c or g or t

tnnntatct	aggatgtggt	tctgttcatg	ctgctttctg	cgatgtgcgt	gtctgttaga	60
ataggctctc	taccagcta	gaacaccttc	gcagacactt	gctggacagc	tatcttccac	120
atacttccca	gtttacattt	ggtcttaatg	atcttgaata	gatcctctct	tcattttact	180
cagccaggtt	tggtactgat	gtacagggtg	naaattactt	caagcatttn	ggnaagaggt	240
gtatataatt	caataaaaaa	ggtaaaacat	gaacggaatt	cagcttggac	ttaaccagggn	300
tgaacttgnn	ggggggggtn	anncagnntg	anctngtann	ggggnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
ncnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	657

<210> 3488
 <211> 661
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W28366

<220>
 <221> unsure
 <222> (1)..(661)
 <223> n = a or c or g or t

tnnnncggca	atgataatat	tcctccctaa	tggaaagcct	gatccccag	agagctacag	60
gtctgctccc	gacgggcctc	gggcctgacc	cgtccacaca	gggccgtgtc	aacagcagcg	120
actcaaggga	cgtgtgtaca	tatgtaaatg	agaaatagag	acgtgtcaac	agatgcattc	180
atttctcttg	gaatgtgtat	tgtntnnatt	tggngaaaaca	aaacaaaaca	aaaaaaaagg	240
ntgggaactc	cancacgtgg	aaaaactaga	tcctgtgggt	tatngaattg	gngagtcctc	300
cacgtntgtc	tctctcgctc	atgtaatnta	ctctgaccct	gagtgggaang	ggttttgggg	360
cctgtnnnna	ttnnacctac	atgtactatt	tagcttcagn	gtncctagncc	tgccacctgt	420
gttttttttn	gggtgctatg	gaaatnatga	aaggaacggg	gnttcaagag	gaaattggna	480

```

ccaattcanc ttgggttntt nggggttcaa gnccaaagng gtncaaangn caaaatncnn 540
aacccccggn aaccenntnn tccgtncggg gngnnnnnnn nnnnnnnnnn ttcccttng 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc 660
n 661

```

```

<210> 3489
<211> 655
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W28414

```

```

<220>
<221> unsure
<222> (1)..(655)
<223> n = a or c or g or t

```

```

<400> 3489
cggtcaggan aggcaggcac aggggtgtgat tctgtccttg naaggattac tctctctgga 60
ggacggctgg agtaaaatgg aaccccaaac accagatata tctctagcaa tgctgagtgc 120
tagcatcatg tatgcttgtg tgcttttggg ttgcaatgag gcctcctacc tggctgaggt 180
atltggaccc ctgtggattg tcaagggtta cagctatgag ttccagaagc cctcactgtg 240
tttctgtctg cctgaaacag tggaggcaga caaagggcaa aggggtgggg ctgcgaggcc 300
agctgaccaa gaaacccttc cagctcctcc agtccaagtc cagcatcttt tccataact 360
attctgcctt ccacttcgtc ttcttccttg gctcactcta tgctatggnt acccttacca 420
acttggtnc aagttgggtc aaggggagtt gtccagccca ggtcaatacc ccaaggaaaa 480
aaggngttt ctccgtagag tngntcaatt tnaatggcnn ggnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 655

```

```

<210> 3490
<211> 671
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W28696

```

```

<220>
<221> unsure
<222> (1)..(671)
<223> n = a or c or g or t

```

```

<400> 3490
nnnnnnnnnaa tttcatgttc acggtagtat gggtatatta agtgggttcat ttccctcctg 60
aagaaaaacaa cttcttttctg atgtgatttt gtgaaattca aacatgactc tttgactgtt 120
taaaaaaaaaa tttttttttt tttacgtntc ttggtaagat ttttttttnc tgggaaattt 180
tttggggaan ccnccaagtg gttggggaan antggcctnt tggntcatcc cnetgggaan 240
agccttncag agaatttntc ccacctgtnc tgaaaantct gtttccccag gngngngngg 300
ggccactggg tagaagggat canagagaat tgaggggtga gcgagnttgg naaactactn 360
ctaatectct ccatnagttt gntatgacct accccagttt ntgaaagggn agaaatgaaa 420
gaaaagtcct gggccaaaaa agaagagtgg attncagttg ggnttancca gttgacttcc 480
canggggggg tttncccan nttnatgcna aannnnnnnn nttncccan gnttnnnctn 540
tgccaaaann nnnttncca nttttnntt tgcaannnnn nnnnnnnncn nnnnnnnnnn 600
cncnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnc t 671

```

```

<210> 3491
<211> 782
<212> DNA

```

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28798

<220>

<221> unsure

<222> (1)..(782)

<223> n = a or c or g or t

<400> 3491

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ctggaagcta aattctctaa cagctttcaa atcctatgac tcttctactt ctcaagggtgt 120
gtggtcttcc actggcttga gtcctctctt cccaggaaag ggtggtgccg tccagccagn 180
acatccccag tgggtgttact ggatgcagna ggacttggat gtagttgcac cccctgggct 240
ggggtttccc cccggttgat ttctgcggg tgctgacttg gccgactgct gtttctgctn 300
ctcctcctcc tgcacctaca tcttggcatc gnactcatca gcaagcgctt tccactcctt 360
gcgattgttg gngatcccg ccaacattgg ggtgatctcc tcggggaaac gggaggaatt 420
cagcttggcc ttaaccaggc tgaactngct caaangnnt tncccaggnt tgaattcgct 480
cacanagnct taccagggtt gancngctc acaagnntnn nccagncttg anccttgctc 540
ancngnctnc ncnannnttc nctnccncc annntnnnnn cnnnncnncn nnnncnnann 600
ccnncnnncn nnnccnnncn cnncccnncn cccnncnnnc cnnnnnnnnn cccnccnncn 660
cnnnnnttc cncnnncncc nncnccnnc cctnccnnc ncnnnnnncn tcnnnnnct 720
nanncnccc cncnccnncn cccnccnnc cccnncncc cnnncnccc cntntnncn 780
cc 782
```

<210> 3492

<211> 835

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28824

<220>

<221> unsure

<222> (1)..(835)

<223> n = a or c or g or t

<400> 3492

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nnnnccccnc cnnnnccnnt ntcttctagt ttgncgattt tgtcttggct tggngatggc 60
gcggcgtneg tgttcgagtt ctctgcaggt cactagtctt ccggtagttc agctgcacat 120
gaatagaaca gcaatgagag ccagtcagnt ggactttgaa aattcaatga atcaagtga 180
actcttgaaa aaggatccag gaaacgaagt gaagctaaaa ctctacgcgc tatataagca 240
ggccactgaa ggaccttgta acatgcccac accagggtgt tttgacttga tcaacaaggc 300
caaatgggac gcatggaatg cccttggcag cctgcccacg gaagctgcca ggcagaacta 360
tgtggatttg gtgtccagtt tgagtccttc attggaatcc tctagtcagg tggagcctgg 420
aacagacagg aatcaactg ggtttggaaa ctctgggtgt gacctccgaa gatggcatca 480
caaagatcat gttcacccgg cccaannang aaaattgcc aactactgag tngatccagt 540
ttggcttaca tgactgcaan nnnnnnnnnn nnnttnncca cnttnnttc anannnnnnn 600
nnnnnnccnc nntnncnntn ccaannnnnc cccnccnccc nntnncnccc cncnnnnnnn 660
ccnccnccc nnnccnncn cccnccnncn nnnccnncn cncnccnncn cncnccnncn 720
nnnnccnnc cncnccnncn nnnccnnc cncnccnccn nccnccnncn cncnccnncn 780
nnnnccnncn cncnccnncn cnnccnnc cncnccnncn nncnccnnc cncnccnnc 835
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<210> 3493

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W28944

<220>

<221> unsure

<222> (1)..(748)

<223> n = a or c or g or t

<400> 3493

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agcccatccc tgccaaggag ctagagcgag gtgtggcggg ggcccacggc ctgctctgcc 120
tcctctccga ccacgtggac aagaggatcc tggatgctgc aggggccaat ctcaaagtca 180
tcagcaccat gtctgtgggc atcgaccact tggctttgga tgaaatcaag aagcgtggga 240
tccgagttgg ctacacccca gatgtcctga cagataccac cgccgaactc gcagtctccc 300
tgctacttac cacctgccgc cggttgncgg aggccatcga ggaagtgaag aatggtggct 360
ggacctcgng gaagcccctc tggctgtgtg gctatggact cacgcagagc actgtcgggn 420
atcatcgngc tggggcgcat agggccaggc ccattgntcg gcgtcttaaa accattcggt 480
gtccagagat ttcttgtaca cagggcgcca gccaggtct tgaggaagca ggggaattcc 540
aggcagggtt tgggncttnc cctgacctgg ntgccccant cttgatttca tcgcnnggcc 600
tgntccttaa caacctgaac cgagggnctc ttgaaacaag gnnttcttcc agangntgan 660
ggnaacaagt tttttncatc aaaaatcaag aaggggggag gtgnnaaacc aggcgacctg 720
tcccagcctt ggccaagtgg taagnttt 748
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<210> 3494

<211> 150

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W31382

<400> 3494

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ttttttcctt gtataaatta ttttatttat tattgtaatt agatcttcac aaagttgtct 60
tttcaactgtg ttttgtcaac gtgaaattaa attgtagtta taagcaaaag ttggttgctt 120
agggaacaat tgtatattca gtttaacaga 150
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<210> 3495

<211> 311

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W31478

<220>

<221> unsure

<222> (1)..(311)

<223> n = a or c or g or t

<400> 3495

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tcattatgtc atactgtaga aagatgaagc aaaggattaa actccaagga taaagaaagt 120
gctcatagca acgtattgca gtctccatga aagtgcataa aaacgggtta aggcaaagta 180
ccatcttggg acagacatgt ggcancngn gacttntaaa acaatttttt aaaatatata 240
caaacttttt ttcttctatt cttctcaaag gcatttgaaa gggatacttt tatgaatatt 300
cttggtgtga g 311
```

<210> 3496

<211> 263

<212> DNA

<213> Homo sapiens

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n = 10' and 'n = 20'. The rows are labeled 'm = 10', 'm = 20', 'm = 30', 'm = 40', 'm = 50', and 'm = 60'. Each histogram shows the frequency of the number of non-zero elements in the vector x. The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are centered around a value that increases with n and m.

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n = 10' and 'n = 20'. The rows are labeled 'm = 10', 'm = 20', 'm = 30', 'm = 40', 'm = 50', and 'm = 60'. Each histogram shows the frequency of the number of non-zero elements in the vector x . The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are centered around a value that increases with n and m .

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n=10' and 'n=20'. The rows are labeled 'm=10', 'm=20', 'm=30', 'm=40', 'm=50', and 'm=60'. Each histogram shows the frequency of the number of non-zero elements in the vector x . The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are centered around n , with the frequency increasing as m increases.

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n = 10' and 'n = 20'. The rows are labeled 'm = 10', 'm = 20', 'm = 30', 'm = 40', 'm = 50', and 'm = 60'. Each histogram shows the frequency of the number of non-zero elements in the vector x. The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are centered around a value that increases with n and m.

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n = 10' and 'n = 20'. The rows are labeled 'm = 10', 'm = 20', 'm = 30', 'm = 40', 'm = 50', and 'm = 60'. Each histogram shows the frequency of the number of non-zero elements in the vector x. The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are centered around a value that increases with n and m.

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n = 10' and 'n = 20'. The rows are labeled 'm = 10', 'm = 20', 'm = 30', 'm = 40', 'm = 50', and 'm = 60'. Each histogram shows the frequency of the number of non-zero elements in the vector x. The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are centered around a value that increases with n and m.

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The columns are labeled 'n = 10' and 'n = 20'. The rows are labeled 'm = 10', 'm = 20', 'm = 30', 'm = 40', 'm = 50', and 'm = 60'. The x-axis for all histograms is 'Number of non-zero elements in x' ranging from 0 to 100. The y-axis is 'Frequency' ranging from 0 to 100. As n increases, the distribution becomes more concentrated around 0. As m increases, the distribution becomes more spread out.

ttcctgtcgg gagtcattgct gacgtggccc gacgggtctca tgtaccagaa attccggaac 300
 caattcctct ccttttccat gtaccagagc ttcgtgcagt ttctccagta ctactaccag 360
 agcggctgcc tctaccgctt gcggcgcttg ggcgaagcgg cacaccatgg acct 414

<210> 3500
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W36290

<400> 3500
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 gtttgattata gttgataaat taacagtaat aacaagattg tatgaaccgc atgggtgcttg 180
 cagtttttaaa tattgtggat atttgtcctg catcagaaac gagcttttggg ttttacagat 240
 tcaactgtgt tgaaatcaaa cctgccgcaa cagaaattgt ttttatttca tgtaaaataa 300
 gggatcaatt tcaaaccctg cttatgatat gaaaatatta aaacctagtc tattgtagtt 360
 ttattccaaa aaaaaaaaaa 378

<210> 3501
 <211> 514
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W37382

<400> 3501
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 ctctgaggcc aagagttact tatatccaag accgtgaaga actctttttg acctgttgga 180
 tatgatcttg tgactgggtc gaggaaaaatg aactcccagg gttgttgagg tagagctgtt 240
 tccaccaaaa gacagaactg tatgcagcta ataagagctc cagcacagtg aagatgagca 300
 tcaccactta ggacacctgt taaactgaca ctggtcaggg agacaatctt tgatttcata 360
 tattcggata atagtactcc gaataaggca atgaggatag ataatccatt tctgagccac 420
 aatgttgaga gggcagtcct caggggctac catgctgtca gcaaggagga agaggcctgg 480
 ctcttggcgg ttaacaggaa ctccctggca tttg 514

<210> 3502
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W37680

<220>
 <221> unsure
 <222> (1)..(376)
 <223> n = a or c or g or t

<400> 3502
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 gccacaggga gccaaaagtt tggacacctg tgatttacag gttatgccta gatctgaaac 120
 agatccccat ccttcctaaa gctcgccac tggttatggg ccctgtttct cttagaaaca 180
 ccacacacat catttgaggaa aagcacactg agtagaaaca tggcctgaaa ggggtgggtgg 240
 cggtgggacct ggcttcctgt ggccagaggt cagcggacga tagaaatggg ctgatcgcc 300
 acagcaaaga cttgggaaga ttgggccccg ggaaggacac attgattggg cacagagcac 360
 tgtgccggac gngggc 376

<210> 3503
<211> 515
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W38407

<220>
<221> unsure
<222> (1)..(515)
<223> n = a or c or g or t

<400> 3503
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gctaacacgc ctgtatatatt tttgtagaga cagagtttcg ccgttgncag gattgtcttg 180
aactcttggg ctcggtgatc tgcctacctc gacctcccaa agtgctggaa ttacagggtg 240
gagccatcac gcccggccca cttgaatata tatatatagc caagaatagt tgggctatac 300
tttcatcttt ggcctagtgc taagtaattg attggtttca ggatccaata aactctacag 360
gtaaattccac taaggtaatg gtctataccg gtgggttcctg aacttgagtg tgcagcagaa 420
ttacctggaa ggcttcttaa aacacagatt tctgtcccca cctcccagga tttgattcag 480
gcgggctgct gtggagcctg agaatgtaca tttct 515

<210> 3504
<211> 432
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W38778

<220>
<221> unsure
<222> (1)..(432)
<223> n = a or c or g or t

<400> 3504
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ccccatcttc tagcagctgg ctgtcccctc tgggagctct gcctatcaga accctacctt 120
aaggtgggtt tccttccgag aagagttctt gagcaagctc tcccaggagg gccacctga 180
ctgctaatac acagccctcc ccaaggcccg tgtgtgcatg tgtctgtctt ttgtgagggg 240
tagacagcct cagggcacca tttttaatcc cagaacacat ttcaaagagc acgtatctag 300
acctgctgga ctctgcaggg ggggtgagggg gaacaagcga gacctttggg gtaatgantt 360
aacaccccat gctgggggat gcatggaagg tgaaaggggg ccagggaacc agttggaaga 420
attttccaat cc 432

<210> 3505
<211> 436
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W39183

<400> 3505
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gaagaattgc agaccagttt ttggggggcca tgtatacgtc gcctcgccag gccacaccag 120
gtgttcctgc acagcagtc ccaagcatgt gagacagatg cattctaagg gaagaggccc 180
atgtgcctgt ttctgcatg taaggaaggc tcttctagca atactagatc cactgagaa 240

aatccaccct ggcattctggg ctctctgatca gctgatggag ctctctgattt gacaaaggag 300
 cttgcctcct ttgaatgacc tagagcacag ggaggaactt gtccattagt ttggaattgt 360
 gttcttcgta aagactgagg caagcaagtg ctgtggaaat aacatcatct ttagtccctt 420
 ggggtgtgtgg ggtttg 436

<210> 3506
 <211> 258
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W42429

<220>
 <221> unsure
 <222> (1)..(258)
 <223> n = a or c or g or t

<400> 3506
 caatgaataa acattttattg agcaccggca aatcccagac actacagaac acacagaagg 60
 catggccac gccgagggcc cagcccttag caaagctgcc acgctgcca aaatgggtggc 120
 gcatnagctc aggcgcaggc tgaggctggg gcttggcggg cagtgcactt ggaacggggg 180
 cctaaggcct ctgccagggt ccagctggg caggggtcac gtcgcttctt gagagcagan 240
 caaataaata atggagag 258

<210> 3507
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W42483

<400> 3507
 agcacaacac tcattctttta tttattttatt attttttttt actaaggcac atgacgtaga 60
 aatattgagg tacaaaatgc aaatttctgc ataagatttt taagatatct attttggaaa 120
 atgaaggtag acatcatctc ccagaatatt cagcttttag cttgtttttt cttttggacc 180
 agttcaacca gcaacttgta cctagcgata cagtcttctt tgctcttgga cgggacacat 240
 ctggctatatt tgtcccagcg gtcagaggat ccccttgggt actgctgcaa cgccagttcc 300
 agaagtttct gttgattttg agtcacaggc tctctctgcag accgagctct ctcttttctc 360
 aggtctctct cgtc 374

<210> 3508
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W42627

<220>
 <221> unsure
 <222> (1)..(369)
 <223> n = a or c or g or t

<400> 3508
 gtggcaacac gtttaattct gtggccatgc tancctgtct ccaaggcctg gtggacagca 60
 cgtcaccaga ggctgccgca gancaggcag ggccagccct gatagaggag tgcaggcaaa 120
 ggcgggggct ctgaagtggc tncnaggagg cnnatggccc cgggctggga gtgctcagta 180
 gccgtcgta gcccaggtag cctcgtatgc ggggtacttg gctttgattt tctcagttga 240
 aatggcgtgc tgggcaggac cataggccan tggaatagcc gtacacgtga atcttcttgc 300

cctgactctg gttgggagat ggcggcgccg cccagacact cacagttcgc anccttnngct 360
tctgcatgt 369

<210> 3509
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W42674

<220>
<221> unsure
<222> (1)..(365)
<223> n = a or c or g or t

<400> 3509
aacatattga tacatatttat tacaaagaaa ctcacacata aatgatttgt cctattttatc 60
ataataggcc accaatcact aggagccaag cttcatcagc ttaagtccta ggtagcatgt 120
ctcaatgcat acatatttat atcgttatta accgtgttcc ttttcttttt ttcgagacag 180
agtgtccagg ctggagggtga tctcggttta ccgcaacctc cgctccggg ttcaagtgat 240
tctgccgcct cagccttctt gggtagctgg gattacaggc acgcatcacc acgcccggct 300
acttttgtat ttttagtaga gatagggttt ctccgtgttg gtcaggctgg tctcgaactc 360
ccaan 365

<210> 3510
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W42778

<400> 3510
gaaaacaaaa atttattgct tctccttcca aagctttgtg aatttacaaa aaaaaggatg 60
aaagttttaca aactgcttag ttccaactaa gcataagagg tgagaacgta cactgcaggg 120
ccaccagcag cagctgtgca ctcgatcggt aaaactggct cccccagact tgtagtgctg 180
tcttcagggg gctgcattcc ttacacgcca cctcttggtga catagggtcat tgggtcaagcc 240
gctggaatgc tacagagggt tttttgggtt tgagaggctt ttttttggtt tgccttccta 300
ctataaaaagc gaaattttca gttcatttct gaaaaataaa ttgggtcaata aattcatttt 360
gttctgcttc tactttacac aaa 383

<210> 3511
<211> 257
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W42788

<400> 3511
acagcataac aggggtttgtt tactgtgccca catcatcggg tgttttttaa acgaaatata 60
aatatatggg tagggatagc attttttagga gaacaagtga ccaaaaaacta agttacctct 120
tttcagggtca gccaaaaaac gtgaaggga agtggaactt atacaactta gacatttatg 180
tagatagcac agcagactca tgttcaagcc agccactga aacattataa gtccgtcgag 240
ggggacagca atctatg 257

<210> 3512
<211> 398
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W42789

<400> 3512

```
caaagtttac aataatttat tattgttgca tgacatttgc cagtaaaata aattatagaa 60
actatagagt ctttataaac tattttgtat atcatattca cttcctaatag cttactgcag 120
taactgtatg aaatttaatt agattacgtt ttagcattag tcagaagatt taaaaaatat 180
gtaaaatggt ttcacagtac tttggattta taaaagaccc cattatttta acttttgtgc 240
aacctgtttg aaatgtataa aaaacctttt acaaaccaaa aggtggcgta aggttttact 300
gagttgctga agacatctta ctttcttgaa tttctactta aacatccatg tgggtgcactt 360
tttcaggcag tgtaataagt ggcaaataaa taatcaat 398
```

<210> 3513

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42957

<220>

<221> unsure

<222> (1)..(409)

<223> n = a or c or g or t

<400> 3513

```
gaagagggat aaaaatgttt taattgttga aatacattgg tgaattgagt aacttacatt 60
gcaataactaa gtagatacac aagtcattat caaattaatt tccagatata ccactaacca 120
tccatcgcaa gtccttgaaa agttatagaa ataatatgat gagattgtcg tgatgtagaa 180
tgagcaaccc aaacagctat gaagtatttg tagttgcaca tgcctttcac gaaagaaaat 240
aaaaatgtaa tcaaaatgtg catatggcat gcaaatttga gtttattttt aaatagtggc 300
aatgaaatac accttgttcc taaaaaagga aattctgaca tttaaataaa atttgaaaac 360
caaatnagta agaaatggaa agagatagtt gtaagaatcc atttaccat 409
```

<210> 3514

<211> 435

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W42996

<220>

<221> unsure

<222> (1)..(435)

<223> n = a or c or g or t

<400> 3514

```
tttttttttt tttttttttt ttccagacga tacacattct ttttattgca ttttttaaat 60
ttgaaaataa atttaaataa ataaacagaa gtgggatctt gctatgctga ccagcctggg 120
cttgaactcc tagcctcaag tgaccctccc atctcagcct tccaagtgct aagatgacag 180
gogtgactgc cacacccagt ctgtgcaaag tcctcttggt ccctgcccc tggnccttcc 240
cccagtcgaa agccaggact ntggaaaggg ggagacgtg gggctcgcgt gcctgcagnn 300
aaagngttca catggtccat cgaggtccaa ggagcccagg gacagcctag acactgtgga 360
gaaggggcct tcaactgtctg acccttgagg gggccccatc agccctgcag cctggatggg 420
gtgggtccta tcaan 435
```

<210> 3515

<211> 160

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44557

<400> 3515

```
tttttttttt ttgatcaaga aaacaagggg aaaactgaaa tttattgaag gcttacatac 60
tgттаagagc tttacaaaca ttctaccttc acagtcttta atggagcagg caattggggg 120
tacatagctt gcccaaggtc atgcagctag aggtggcaga 160
```

<210> 3516

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44733

<400> 3516

```
tttttttttt ttttgagttt aaatttttatt ttacaaaaag agaaataaag aaaactgata 60
ggcagttata ctgacttaca attgtttctgt ttgctttttt ttaaaaaagt gacatgaaac 120
acaagtaaaa ataaatacgt catagaaaca gccagttgcc cagtctcttg ggcaggagcg 180
cctgcctgct gagaggagg aagcccatga tcacaccagc agctggatca cccagccaca 240
gatgctcctc gaagccaggc acaggtccca ggcctcaggg gcgtcctgag gaaagaagac 300
ggaaaaccaa agccagggtc caggaccctg gggccacctc attatcccc actcctcctg 360
gcagcagctc ggtcttagtg gttatccata ggcaccccc ttaacccacc tggaccctct 420
tcccctgacc tctctgaaga tggtaacaag gaaaaacctg tcttgggca 469
```

<210> 3517

<211> 459

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W44745

<220>

<221> unsure

<222> (1)..(459)

<223> n = a or c or g or t

<400> 3517

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tttttttttt ttagtatgtg ctaattatga attttattaa ggttttattca atgtcacaga 60
ggaaagaacg gtttgtagtt ttgcttacct gcagtgtctg caggtcacag ctgtccaacc 120
atgatccatt cacatgctct ggccccgtgc cctcgtcct cccacccta cccacagga 180
caccattaag ccagggtctg gtaacaacat atgtcfaatg catcttctca ggtgagaacc 240
aaactcgagc cacaacagca aagggggaaa aaggtagcaa agtaattatg tgctcccaag 300
gcagtcattt agttgaatcc ataactggaa ataaaaaggc atttatgaag tgtagtcccg 360
ccagtctgga atgttggaag gtgggaagat cacacattta ctaaggaaac actccaaaca 420
tantttgggt cagaattcnt aaaaaatccc ggaattttc 459
```

<210> 3518

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45051

<400> 3518

```
tttttagaaa gtatcttctc tttatttaag ttaaacaatt ttcaaggatg gtttccatct 60
```



```

ataaaatgga caaagtacaa gctctgtaca gcagttcttt ttaaaaaatca actggaaaaa 120
aaaattacca aactatatTT tgaatTTtGca aaacatactc acagatacca tcatctgagc 180
TTTTatgagg acataagaaa ggaccagcac agagaagaca actaacttcg gcacgctttg 240
ctcgaagggc tcttaggaaa gaattctgag ttttaaaaaac aggagtggga gggtgagata 300
gtcctgatga ttaaaaacta acgcaaccgc agtaagtcac tttggcacac tgtgtcatgt 360
aaacatagct caccgcaaag gacccctccc cgggccacc cctgctcttg acgcccgac 420
catccaaagc cgcctcccag ctcagggaca ggacgccgcc 460

```

<210> 3519

<211> 460

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45259

<400> 3519

```

tctcaaaccg acagtgtgct ctgtgaccca aggcaagtct tggagccttt caaggctcaa 60
tttcttctgt aaccttgtgg tttcacaatt gtcaaccttt tgttctgccg accattgtcg 120
tcatagtctt acttgacagag ggcatagtgc tgatgggaca agtgacatgg gtatgagccc 180
catgtaaact aaaacataat tacctttcct ttaggtgttg gctacagtta tcccaaactt 240
ggacttgagg tcttgatat gcatgccatt ggtcacatac catcagaata gaattctcaa 300
aaactcttta gtaaataaga taaacatcct acttataaca gctcattatg gattttatTT 360
ttattgtctg gctctttcag accccagcaa ctgcaattct gacttaataa tcaattgttt 420
ctaattcatta aaaatggtat atagaaaaac tgaaaaaaaa 460

```

<210> 3520

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45320

<220>

<221> unsure

<222> (1) .. (309)

<223> n = a or c or g or t

<400> 3520

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gtgaagtTTT tattaatcc acagaagtaa aaaccatatc ntgangaact gggggatggg 60
nccaccaggg agtnggagtc aggccaccag gggagtnggg atggngtgac aggacagaga 120
acagagccag gctgggctcg gccatggggg ctccagctca ggggccatca ccagggccac 180
cagacagctc ctgggaactc aggccagcac caggcaggct catcggcggg ggctccacca 240
gcacatgcag agaacttggt ntcaccgaa gcctccgttc atgcgcgtct cgaagaagcg 300
ctgcaggcc 309

```

<210> 3521

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W45487

<220>

<221> unsure

<222> (1) .. (232)

<223> n = a or c or g or t

<400> 3521

```

tttcaccagc agcgtcttcc ctttatntta gtttattaat agaatacaga gtgcaggcac 60
ttacagtggg caaactgagc gaggagtggg tgagggtctcc tcagagagag gccgccctgg 120
gccacccatc agggaggcat gggcgggant gagaggcccc caagaccccc cgccaccacc 180
accacatag cccaagccca gccaccctgg gggaccagg ntgtttttt tt 232

```

```

<210> 3522
<211> 408
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W45560

```

```

<400> 3522
tttttttttc agatcatatt cctttattac atatatgaaa tataaaaaaca aattaacaaa 60
gcaatatata tatatatatt caagtccaca ggcttcagag aaaaaaagggt tctgtatgtg 120
aaattattca tatggcactg tgttcatgtt ttgtatatc aagtacaaaa gaaactatgt 180
atagtgggta tgcgtgggta cagaagatga ataataatga aaaactgtga ttttttgact 240
atcacatata ttgtgttaaa aaacaggtaa atataatgac tattactgtt aagaaagaca 300
aggaggaaaa ctgtttcaat gttcagggtt aaatactaag cacaaaaata taacaaattc 360
tgtgtctaca ataatttttg aagtgtatac agtggcattg ccaatgga 408

```

```

<210> 3523
<211> 493
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W46286

```

```

<220>
<221> unsure
<222> (1)..(493)
<223> n = a or c or g or t

```

```

<400> 3523
ttttttttca tttatattct ttttatttta tcattacttt cagattcagg gtctctcgtc 60
attttgccca ggctggactc ctggggtcaa tggatcctcc ctgcctcagc ctcttgagtg 120
gctgggatta caggcatgca ccatgccngg tgctacaaat ttttttttaa aaaagctcgg 180
aaacacaacg ggcttgcatc gtgttggcag cagggtgcctc ttagctgggtg ctggacagaa 240
ggggcttgca gtatttgac tgaatccaaa cccggtacat tgtcagttgc ttccctcggg 300
tcacctgcag tcggcggtcc accaggttct gaactttttc cagtccagca gtggtgaaaa 360
gcgtgtccag ttctctttgt gtgaagaagt aaactctggg ttccatcacc tctcacatag 420
aaatttccag atagacactg acctttttta aaccgnagct gagccatgtt aaaagcgggc 480
cggaatctcc gca 493

```

```

<210> 3524
<211> 445
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W46391

```

```

<400> 3524
tttttttgaa ttgttcagt catccaacac ttacttact ccacacctt ctgcaaatg 60
ctcataataa acctcctgtc tacatttgtt tccaatgaaa actttagtca tattttacat 120
ttattattaa tataacatgc tatgtaaatg tacaggagcc tgacaaatga caatctactt 180
acataattta aataacacaa gtgcttgctg cagtctttat tagtacacag ctttgttatg 240
gcttcctaga aataatttta aaaagtgcac gattcttggt ggctactctg tttaggaaag 300
attacagata acacatttct aagaatgaat tagtcagctg tatatgggtt cagattagaa 360

```

aatattaaat aaatacaggg aaaaatattt ttaattagct taatttatat atgaaaatat 420
 tttatttaat ttgtttttga gacag 445

<210> 3525
 <211> 445
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W46404

<400> 3525
 ttttttttca ccaaactaac atttatttag ctttgttccc tcccatccaa gactgctgat 60
 ctctaaacaa gcatcaaaac ccgaagctca ttaacatcag agtgagcttc aataagggtga 120
 aactacaat gatgtacaat tacatcctaa taattcaatg cccaagagcc ctgtagaact 180
 attgcaaggc ccaggattat cacagtatgc aaatgcacta ggaaaatcat tacctattta 240
 gtccccctta ttttgggtggg ttttaacatga gaagaataat ccatgctaca agacgagatt 300
 tcattttaca gctgtagtaa ccaagtgcac aaaagcttga atctgtccca atagcttcta 360
 aaaaattttt cccatagtgt cagaggcaaa aataatgaaa tcttgcaaat gtacagttaa 420
 taggacccta gtgggacact aactt 445

<210> 3526
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W46451

<220>
 <221> unsure
 <222> (1) .. (442)
 <223> n = a or c or g or t

<400> 3526
 tttttttttt tttttttcaa gagtagattc tttattcatt tctctttttt ttcttaaaaa 60
 aaaaagtatt catttggtat aaaaaataaa tattttaaat atgacattga ataaataaaa 120
 ataactctgtc agtatgaaac atccccacag gtacattcat caaagaggaa tttgtcacc 180
 aaggccatgt gcttttcagt ggaaaggaag gagggaaaacc tctaaggccg cacggtgggc 240
 ccacggagct agcacgtggn cgggactgaa ggctggatgc cggcnattga ggtggggaac 300
 tagagatgac tctaaggcag gaacatcttg taccatctng cagggaaatg ctacctcccc 360
 ggggtgccaga gctccaaccc cacacactat gtctactctg gagagccggc aagnagnagc 420
 tgggaactgg ctgggtcagg gt 442

<210> 3527
 <211> 364
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W46634

<400> 3527
 gaaaccaatg cattctttat tgcagactga agcttagggg ctcaactcact gtgactctga 60
 tttgggggca tctgtggctg cccacacttt ccaagacaga caagggcaaa ctctccaagc 120
 agaggagaaa acaacttcca gaagctgccc cttaaaggc ctgaggtgag gacctggggc 180
 agcaggcagc ttggcatgca ggggttaacc agaaaggccg ggtctggagg gctgggcaca 240
 cctaaccctc atctcctggt gactgcaggt cccactccct tcttcaggag tgccatgcag 300
 actcttgga caatctaaca ggccaagtgt ctcccagggt ggggttaggga ggaggctgaa 360
 caca 364

<210> 3528
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W46810

<220>
<221> unsure
<222> (1)..(437)
<223> n = a or c or g or t

<400> 3528
ttttttccca gatgaggatt tattggcgta aatgcaacca tataaaaaaca taagttatga 60
aaaacacagt cacgatgtgc cctccccatc cccccagccc aggcccctaa aacccccctc 120
tgcggnnnng anggagagga agggggagcc ccgaaaccgc ctaggaacgc tcagcccctg 180
ggtccgtgca gggcgggaga gccgggcctc agcgcatccg gtagtcggtg gaggaggacc 240
tttcgcanaa gctggccctt gaagtccagg tcgntngtga antccaggtc ccggttggtc 300
ttggcggtgg gccgcattgc cgatgggtgc gaagatctcc tcgcccgtct tcacggtcag 360
gtaagtcctc catgtagaac accgtcttgc ttccagtgcg tgtacgggga ctcggggctg 420
ggtggaagaa gncggta 437

<210> 3529
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W46846

<400> 3529
tttttttttt ttgcaaaat gaaacaagtt tattttctcc aataacttct gtaaattaca 60
aagacaaaat actaaaaact acagcatata acttttcaat atttaaccag agtactcgta 120
ataaatatgc atccggaac aagataaaag gctacacctc gtcaggcatc ctacaaaaat 180
gtctcaagtt ttatatactc tgcagcattt ctgtgcgggg gcagaagggg ctgttggtga 240
ttttctgaag tgctgtgaca aaaggtcctt tcacatttct ttggagcatt tttgaaattg 300
cttaactata attaaacaac ttaagaaaag t 331

<210> 3530
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W46947

<400> 3530
tttttttttc gtatttcaag tgttttatatt gctttctgtg gtgtcaaatt tgggggtctcc 60
tagagcccgag ccccgagcag aatccggcat atccttctcc gcctgggggg cccgggacac 120
aggagtttca gaaaaggcac tggcaaaagt tctagggcgg gggtcaggga gaagccacac 180
tgagcctgga gggaccgggc cctccttcgg cggcagaaaa cacagtcacc tttggcaggg 240
aagggttttt tcctagaaaag aaatttaaga caagataaaa acctgagatg ttagaggagc 300
ccccagaacc aagccgggtgc tcccctgggc aggcagagag tgaactcggc ttccaaaggc 360
tcaggggagg cttgcccggc cctcagccag gctcagatgc cacaggcctt ggcaagcaga 420
aagcctaatt 430

<210> 3531
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W47175

<220>
<221> unsure
<222> (1)..(465)
<223> n = a or c or g or t

<400> 3531
tttttcaact gcaataaaat cagtgcagtt cagaaaactc gacctttcag tatccgagaa 60
ggcagctttg taagcacttt ctgttcgagg aactttgtta agcagctgag gggaaatctga 120
cccagctcct gtgttgctctg gtgtagacag ggcaccagac tgggagtcaa gtggcctggg 180
tgcttcttca ctgccaccag cacttcttaa taatggcaaa tttacatttt gttacggtgc 240
tcacagctta caaaacacat acatgtgcat catcacagtt tggtcacctg taagatgaaa 300
gggttggatt ctttgttttc tgtggtcttt tccagttcta gtgccttgct agtctgatag 360
tgtgaattat tttttattac agctggcgct gctgctgcat cagggccatc ctttctgcaa 420
gacacaatga ccacagcaaa gagcgggaaa gataactttc cacgn 465

<210> 3532
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W47206

<400> 3532
tttttttttt agcattttat gactttttatt ttacatgtcg ccaacgtttg tacaacatac 60
agtggctaca tctaaaactt tgagcatttt tttatggcgc aaagagacag aaagggttaat 120
gacacactta actgttacag tgactttggg tagggcccta aagacagcac acgctccaga 180
gggcggggctg agtgttgctt acacttgggt cctgaatcgc tggtgtaagg tacagagaca 240
cactttaact ggggaatggg gtccccacac agtgatcgcc ccacgggagg gtgacagaat 300
atgccaggaa ttgtcttgga catgggcccc agtcaccaca atcagatggc ttatttcctc 360
gtgcc 365

<210> 3533
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W47388

<220>
<221> unsure
<222> (1)..(466)
<223> n = a or c or g or t

<400> 3533
tttttggtgc taaaatccat tccatagctt tgaagtgaga acttacagcc catctgaaca 60
gtgaggtttg taccaggca tactctgagg agggcccaaa ggcacgcca tctgggaggg 120
acaggcccgg agatggagac ctgcagcat gtgcacctg cgcagacatt tacagacacg 180
caactcagtc tttctcactt ggacaacctg ttgtgcaaaa acactaggaa tcttgaagtg 240
aggagctct gtccacagct cccgtaatgg caggaggag agcagagccc aatgaacctt 300
gagtgaatt aagtgtctaat aaccacataa tttaattgtg cagatcagca gtccagtct 360
ggaatttaaa cactgtcaac ggggcatatt ggggaaagat atttatatat atatacata 420
cacacacaca cacacacaca cacacacaca cacacaaaca cattna 466

<210> 3534
<211> 422

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W48860

<220>
<221> unsure
<222> (1) .. (422)
<223> n = a or c or g or t

<400> 3534
aatnggcacc accgttttatt gctgccagtc tatctgaaat tccgtgagtc tttctggggtt 60
tttggagata agtgcaccag agttaaatta aatcatttaa tttccaggag tgataggcat 120
aggacacat tactcaaagt gatctggaat cccatttttt tccaagaaat ctttcttgat 180
tcattggatg agtggctata atggacatat ctctctatta attgccaaac gacccccag 240
ctcccaaatt cattctttttg tctatgtgta gaggtaacag cccttatcag atgttacatt 300
tgtttaattc ggtgactgtg tggctgtgat ttaatctaag tttccaggga gctatgggtt 360
agatgccaaag ctactacct tgagcagaca gggactgctg gagaggaggg tggggtgagc 420
tc 422

<210> 3535
<211> 443
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49574

<220>
<221> unsure
<222> (1) .. (443)
<223> n = a or c or g or t

<400> 3535
tttttttttt tttttttttt ttttttgagg ctaaaatcat ttaattatac acaggccaca 60
attgcaggat ggaaaggcag tgggcacttg gaagtgacta cacatggcaa taagcagcct 120
atcttcttta ccaaccagaa gtttcttggg gcatgtgatg gtaggccaga ccctttccaa 180
gggaataata ctacactaag cctacactgt actgtgagag tcatgggtgga acaaggccac 240
aggangtggg acggaaatgt gatgactcac tgtgtcagaa ttctaaggcc cagcatgatc 300
aggatgtaag gctccataat tttctaaacc agaaattatg agaagaacaa aattctggca 360
atcacttatg tttttttctt cttttttttt tttgagacag agtttcactc ttgttgccca 420
ggctggagtg cagtggcaca atc 443

<210> 3536
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49661

<400> 3536
tttttatcat tcaacatttt atatcagaaa agatcagctt tccaacattt attccatgga 60
atgagtgcac agcattttca tgaactacct cagggtaca tcagtacaaa atagttaa 120
ttagtaaaat aaagtagttt caaagggaat tcattcgacg acttcaggat aagtgccacc 180
accatttggg aacagaggat agaaggtagc catgtgggta ttccatgatg caggaatcag 240
gtcggcagggt ggactgtcat tgctgtcttg cggcactggc ctctgccttc aggggtaccac 300
cgtctccagg acacaaatgg gcagcagaaa aatgtcacct tgttgatact cagcagctca 360
tctattggga caaaacttcc atctcg 386

<210> 3537
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49743

<400> 3537
atgtcattgt gacctacaaa gggaccctgg cagaagtcag agctgtacag gaaatcaagc 60
cgggagagga ggtttttacc agctatatgt atctcctgta cccaacggaa gatagaaatg 120
accgggttaag agattcttat ttctttacct gtgagtgccca ggagtgtacc accaaggaca 180
aggataaggc caagggtgaa atccggaagc tcagcgatcc cccaaaggca gaagccatcc 240
gagacatggt cagatatgca cgcaacgtca ttgaagagtt ccggacggcc aagcactata 300
aatcccctac gtgagctgct ggagatctgc gagctcagcc aggagaagat gagctctgtg 360
tttgaggaca gtaacgtgta catgttgac atgatgtacc aggccatggg tgtctgcttg 420
tacatgcagg actgggaagg agccctgcaa tatggacaga aaatcatta 469

<210> 3538
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W49791

<400> 3538
gccttgaatg aaaaccatga atttaatgtg acattggggg agcctcatcc ttcccttttt 60
accacccacc catccagcct gttgtgagtt gggtaggggc tgccccagc ctccgtcctg 120
cggctctcgg gtgccatcct gttcctttcg agctcagtca gcctcctggg ctcgctctctc 180
tgtgaatctc cttcttgctg attcatatag tgcttgcttg cgctcctgca ggctctcctg 240
ccggggccag gaagacttg caaatgttag ggctgttggc tgaggggtca ccggggccaga 300
gctgggaaac ttggaggcag aggctgtggg tagggactga gttcccttgg tgatgtcttc 360
aggcatgaaa gctacggccc cctcaagcag attagtata gtca 404

<210> 3539
<211> 541
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W51951

<220>
<221> unsure
<222> (1)..(541)
<223> n = a or c or g or t

<400> 3539
tttttttttt ttttttttga agatttgagg ctttatattc tttagatgcc tactttttgcc 60
atactggcta gtaagaagtt atgtgtaact tcaagatgaa aggcattagc aacctcttag 120
aagacgataa tcccaatctt ctggagattg aatgagatgt aactcactga agctttttgac 180
tcggctctgct gttaattgaa tcaaagtcaa tgacaatctt gctgcacttc ggtatgaatt 240
tccggaatgt caccctggcc atattaaaca ggagcctcgc agcagttgcc tcgtcactat 300
catggatatt atcagacatn aaaatcactt cttttatacc tgcttgatg atgagcttag 360
cgcatctcatt tacaagggaa caaggcgaca tacatactac agcctttcac atcggtcgaa 420
tttttggttc atgatggcat tcagctccgc atngcacacg tacgggnant tgggtgtccag 480
cttaatctct gcngtccttc tccaaggnac acgtcatcaa tggacccatt ggnatccatt 540
g 541

<210> 3540

<211> 361
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W52581

<400> 3540

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aatatttggt cttcaataat gctaaatatc tacattttta gaatttatca acattttaact 60
agataattgg gcatgtctta attatgcatg tacttatcca tactaataaa attgacaatg 120
ctagtgcata cttattgggt tagtcctatt atcaggatat aatcatctgt gaggaggata 180
ttttaaatac tgtaaatgat aacagttaat gatatacaca tttagactga gttgcacact 240
ggcagggaga ccaaaaacat tacttccata cttgtgtcat gattcttttt tttttgagag 300
agtctcactc tgtcgccagg ctgggagtag agtggcatga tctcggctca ctgcaacctc 360
t                                                                 361
```

<210> 3541

<211> 564

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52821

<220>

<221> unsure

<222> (1) .. (564)

<223> n = a or c or g or t

<400> 3541

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tgtagattgc cagcttgctg atcggttaaca acattggaaa atacagatct gcaggagcat 60
gtacagctgc agcattcctg aaagaattcg taactcatcc taagtgggca catttagaca 120
tagcaggcgt gatgaccaac aaagatgaag ttccctatct acggaaaggc atgactggga 180
ggcccacaag gactctcatt gagttcttac ttctgttcag tcaagacaat gcttagttca 240
gatactcaaa aatgtcttca ctctgtctta aattggacag ttgaacttaa aagggtttttg 300
aataaatgga tgaaaatctt ttaacggaga caaaggatgg tatttaaaaa tgtagaacac 360
aatngaaatt tgtatgcctt gatttttttt tcatttcaca caaagattta taaaggtaaa 420
gttaatatct tacttgataa ggatttttaa gatactctat aaatggntta aaatttttag 480
aacttcctaa tcacttttca gagtatatgg ttttccattg agaagccaaa ntggtacnca 540
gattggtgag ccaggaanc atgg                                                                 564
```

<210> 3542

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W52858

<400> 3542

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cacggccaaa atccataaag attataaaag caaactaagt tgtgaagcta tagtacatgt 60
aggcatttag ttaagtatag caattcaaac tgacctgcat ccatccaaaa caaattcctc 120
cttcaacctt atttttactt gaaatttgct agaagaaata gcaaaccga aatttgtttt 180
atgcatgagt taataccact ggctcagcaa atacaagtta gtttgcttta agcaggtaac 240
tttttttgta atggaacgaa atgcactaca aagttaagac agatttttgc taagtgcagg 300
aggcccttta ttattgctgc agaaaacaaa agcctggctg agttgatgtt ttacattctc 360
ccttactgaa atctacatga catgatgctt cttgctgggt ttttgtacat ggtaaacatt 420
ggtcaagctg tgaaagaaaa tgggctggag gtgtgctttg gtgtggaaag ggtgagcaat 480
aaaggatatc ggtaagttc ccaaaaaaaaa a                                                                 511
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<210> 3543

<211> 577
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W55903

<220>
 <221> unsure
 <222> (1) .. (577)
 <223> n = a or c or g or t

<400> 3543
 ctgacagctc catcacttct agcaaggggc agctgcagaa aatgaaggaa tcttttagatg 60
 acgtgatgga ttatcttggt aacaacacgc ccctcaactg gctggtaggt cccttttatac 120
 ctgagctgac tgagtctcag aatgctcagg accaagggtgc agagatggac aagagcagcc 180
 aggagaccca gcgatctgag cataaaactc attaaacctg cccctatcac tagtgcattgc 240
 tgtggccaga cagatgacac cttttgttat gttgaaatta acttgctagg caaccctaaa 300
 ttgggaagca agtagctagt ataaaggccc tcaattgtag ttgtttccag ctgaattaag 360
 agcttttaaag tttctggcat tagcagatga tttctgttca cctggtaaga aaagaatgat 420
 aggcctgtca gaggctatag ccagaactca gaaaaaattc aaatgcactt atgttctcat 480
 tctatggcca ttgtgttgcc tctggtagtg ttgtaatgaa taaaaacatc ttcattgtggg 540
 ctgggggtag aaactgggtg tctgcncctg tgtgatc 577

<210> 3544
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W56642

<400> 3544
 aaaataacaa caaatgtat taaaaaacag acttctccag ttggcatttt gaatgaaatt 60
 gctaacaact ccaaccctct atattgtgtt tcttttgctc ctggagtcct cttgcagctt 120
 taattcttga aactcaggcg gcaaccagac attaaatccc caaaggagag gtattagtaa 180
 accttttgct ggtcattctt ttccgaatgc aaatggacaa attcttaagc cctcttattc 240
 atttcatgat gatcattaga taaaaaaatt aagcctaact tgcatattga aaataaaaaac 300
 aaaaacacac acaaaaaaac cttgcagata ataaatatcg cttatttact tatttttaaac 360
 aaagtccaat tttatttact ctcaatatcc ttgcagtcca 400

<210> 3545
 <211> 251
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W57821

<400> 3545
 gtagagatgg ggttttgcca tgttgccatg gctgatctca aatccctggg ctcaagcaat 60
 ccacccacct cagccttcca aagtgtctggg attacagatg tgagccacca cctacagcct 120
 ggccaagaac ccttttctct cccacattcc cctgggagca gaggataggc ctgatgattg 180
 ttttaaacag tagaaagggt tcagctaaga actacagtcc actctcagcc ctgtcatgta 240
 ctataggaca a 251

<210> 3546
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
<223> Genbank Accession No. W57931

<220>
<221> unsure
<222> (1) .. (426)
<223> n = a or c or g or t

<400> 3546
tttttttttt tttttgggag gcaggagttg cttttttattg acttgggaagt gggctcttca 60
gtgaagcccc tttggttnta agagcatttt cctgcttctt ttgttcttcc tgcaacttct 120
gctgcctgag ctgccatgct tgtaatccag cgtccatttc ctgtgacagc agtacaactc 180
gtcttgcaaa cgtctccctt tcagctttttc ttccaagctg gcctttcatt gggggagcag 240
ggcggccatc cgattatgac cagtctggga gctcggttaag gggcccgtaa gccgganggg 300
ttggcagcca agtccttgct gtantcgcca ctggccgccc gcccaagcgg ttacnttgca 360
gtgcaccctt ccggacacct gtgaagagaa cagtccctaa agcagccatg tgagcagcct 420
cgtgcc 426

<210> 3547
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W58081

<400> 3547
aaaatttact gtttatttct ttgttacaca aagggtggtcc aagacatctt agtccatctc 60
ctatgtcctt ttggccataa ttacacacac aataatggca agctagatta ggagtctagc 120
tcagggtcaa gtttttccac tttaatgact atctctggag ctaaagcggc agaccagct 180
tggttggttct ctgectctga ctccgacaac acttcttctt ttatttttac aggcttatta 240
ctggcctcct cctcttcac tgaagactca tcgagctccc attcatcatc taatgtccat 300
ttcaaatact ctcacatgac cgaagatttg aagcttaaca cacaggacac ttttcgaaaa 360
ccattcccag caacatactg tgctttcata ctttccagta atctccagtg gcttctcaaa 420
atgcatgggt aacgggtggg aatagcacta cactggttca tctaggcct 469

<210> 3548
<211> 470
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W58247

<400> 3548
cgaaaaaagg aacaaagcgt tactgaaaag aaggtaacct ttgttggtatg tgggccttag 60
ctccagggtcc agactactac tctatgttct ccagaagggt gctaagtcac ctactgaaga 120
gagaaccaac tgactttcct attgactcat caggaaccag tcctcagtct ggtcaagttg 180
tttcttattt gtgagcagtt caggctatct cctgatgggg atgaggccaa ggctttctta 240
tcttttggtt gtctctgctt aatggaggag cctggcctag gatggaggcc tggcttagat 300
ctttcattcc acctcaggaa tgaggttggt atctttcctg tcctgacct ctctgaatta 360
tgtttcaata gtactcttga ttgtctgcca tgttgttgaa gcaaataaat tttttttaa 420
tgtaagtaa gtaataaac cttagcccgt caaaaaaaaa aaaaaaaaaa 470

<210> 3549
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W58520

<220>
 <221> unsure
 <222> (1)..(348)
 <223> n = a or c or g or t

<400> 3549
 atatatagtagt accttttcaga actcacattg gcaagtgtaa aaagatgact taagggtgaag 60
 tgaggacaaa atcacattct gcataactaac ctattttttt ctcccttttaa ggtgctaaac 120
 ttgcacctca tgtccactca gtaacaagta ttgggacgta gagcacagcc tcaactcagct 180
 ctgaaaggta atacagcttg tgaggaagtg agccagcagt ggcctttgca attgtggatc 240
 ttgagctctg ctctcagcag atttcaggtg taaccatttg ttaactgtac tgaagggtgtg 300
 tcctcaagaa gaaagtgttc aaatttaaaa aagctgctng ccaagtaaaa aaaaaa 357

<210> 3550
 <211> 494
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W58540

<220>
 <221> unsure
 <222> (1)..(494)
 <223> n = a or c or g or t

<400> 3550
 cttcggcaca ggtgtggaat aagtttttta gctgctaattg acaaaacaaa tcctgtaact 60
 acccagccag caagtatata gcacagaaca ctgtgttact ttacaagggc ttatgtgact 120
 ggaataagggt ggtcccactt gactgttcca aagagcagct tctcagatct tcagtgttca 180
 ctggtaaatt tctaacagtg tatttggtga aagtttggtca tttcatactc catacactac 240
 agttgctgtc actgatccct gttttgctgg cttttaagct acttgggtcaa aaatcctgct 300
 tccttaaaac atagagaatt aatgagcatc tcaagctttt tcttttcctt tttaaatgatg 360
 cctgcactat caagagtatt ctagtgttct ctctttggtt ggcatataat catgcaccaa 420
 actttttatt tctttaagggt gggagtatat ttttaattcc caaatgccat actatgaaga 480
 tcaaagtctt aagn 494

<210> 3551
 <211> 525
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W58756

<220>
 <221> unsure
 <222> (1)..(525)
 <223> n = a or c or g or t

<400> 3551
 ggttttagcaa aattgttata atttctttta aataacccac agacacccat cgacacttcc 60
 aaattttacag agcaaaaaag tgatttgcag ctggttcctc caggggaattg gccccgaagc 120
 tggtcagtt cactccagg acctcagct cggggaggcc gaacttggtc ttgtgcttgt 180
 cgaagagctt caccagggcc tccatgtaca tgggtgtgta caggctgatg tcttgctggg 240
 ttgggtgctc cagcttgggg atggtgatgg gctctccac aacagtgggt gatgggcttg 300
 gagtagggca ccagcccca aggtgtcga ggaagaagag gcctcgacca tgggaagatgc 360
 atggggcgaa accaatgtat ttctnggaac ttcttctggg acccatcggc cccaggagcc 420
 ctctcgaag atcacctgct ttgtacactt tcattctctc ccaaaggggg tagatgggaa 480
 ccaggtcagc tcccatgacg cagggccag ttttnaaaaa aagcc 525

<210> 3552
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60002

<400> 3552
tttttttatta tgtaaagcc tttatttgaa ctactacatt gctaccagat tacatcactt 60
ttcagagtta gagtaacata ataccttgga aactatagca aacagcttga caaagcaaga 120
gtacattaat tctacatat atacttttat ttttagtgac cacatttctt tgtttcaggt 180
gtaaaattaa aaaatatatt gtacacttag catactttggc ctaccaaata ccgtctaagt 240
tctgagcaca ctctctctc aaaagtatca tattcaacag cattttaaat ttagagagag 300
agtttgatga tacagggtttt aaaacaaata agcatgtatt gaaccaagtg atttaagaca 360
aaatattttca attgtttaca gcttgggtat gagagggaag atgcaaattt aagggtacatt 420
tttcctctag ctacgatggt atgttttact tacctggat 459

<210> 3553
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60097

<400> 3553
tttttttttga cttttgaact ttttatttta gtaaaatcag aataaacaga gcacatgcag 60
tgccagcatc taaaactaat acaataagca attactgaac ttttacagtg actcgagggt 120
caatgattac attcagcaat tccattcttt atttactcga agaatactgc tggctgataa 180
aaccgaatgt taagtcactg acagaaataa ccatgtttga ggactgtaaa tataccagac 240
aatcactgaa aatcaaacac aacaaaacac ataacaaaac tcaagagaaa ctttgtggat 300
gtggacactt cctatcagtg ttcagaagtg tttcattaat atcttaagac aagtatatca 360
aaaccttggc atgttttagt ttcaagttga caattttgtc ttaaattttg gtcagaaaat 420
tacagcta 428

<210> 3554
<211> 98
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60186

<400> 3554
aacttacaaa caaaaatacc gtaataataa acccaaacaa agaccctcag cttgctgccca 60
cgttctctat gcggtttggc ggggcgggta tttacaag 98

<210> 3555
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W60486

<400> 3555
tttgaaaaat tgaccggtt taattattta aaaacaaaaa acacatcaaa tttcctttac 60
catctacaat tcagttatat ccaaacactc taagacaaaa cagaagcagg gatgacaatg 120
agacactgaa gacacacgaa ggtgaatgct gaagaccatc agagtcccag caggaggtca 180

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cgtctttcat tcagacgctc caatgctttt catttcagtt tgtaaagaa cgtgttttac 240
aggaagttct ttacagtaat ttcattgccag acaccagggt tcttcgatgg tacacagctc 300
catgaaatct gtgtttccat ccagttgaca ggaataaaaa ggaattttta ttttgtctt 360
tttttgggcc gtagagacgt aaaatgggtca gattccttta ggaataaatg aggaaaagga 420
gaggaaagag a 431

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<210> 3556
<211> 439
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. W60968

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<220>
<221> unsure
<222> (1)..(439)
<223> n = a or c or g or t

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<400> 3556
tgatttaaaa aagattttatt tacttggtga atatttatta gtagtagtag taataaatat 60
aaccgccgaag ccacaaataa ccttaggatt ctctcagctt taatggcagt agagtccagc 120
ttcttaatct tttgcacaaa atacactcaa ggaggagcta tccataagac taatagaaga 180
cttttgtctc cctgaccag ctcctctaatt ttcatatggg aaacacctaa cagccataaa 240
gtgatgatct gggagtcctc attagagatg ggctggacat gtcagaaagc tgaagaaaga 300
aatcaacctt tttcgtgaac cttaccatct aaaattgtta gtctgtgtct tctaaataaa 360
cagagacctt tttctcttgg gttgagcctt tcccccttcc ntttggtatt tatctccacc 420
acttttatgg aggctcctt 439

```

```

<210> 3557
<211> 607
<212> DNA
<213> Homo sapiens

```

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<220>
<223> Genbank Accession No. W61000

```

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<400> 3557
tttttttcat ttttgcaaca ggctttttatt actttttttt aaaaccata taagaaagac 60
atttaaaaag aaaatatcct ggaaacaaac acttacacac tgagcaacac aaccaaagaa 120
ggcactacca gcagttactc ccacctctgg gagggaaacag gtactcgata ctatactttt 180
ttcagagggt tagacctcag cataggcctt gggctctaact gtgctttagt aaagtctgaa 240
ttgtccaata atttttctcat ttcataaaca cccttatctc tttatatata gctatatgcc 300
tttatgtgta tatatacatg actttttttt tcttctctaa aaataaaaata gccatcccca 360
tagagggagg ttctcagcag cattcacagc ggttcagca ggagccatgc cttctattaa 420
tgtagagagac atgcaggacg aggaatatga ctctccacct gctcccttta atatacagca 480
gggagagagt tctaaaggga gggaaagtga aaggtgagca tgagatggta accagggttt 540
tgtgggttaa aaatctagag tgcgagctgt gtgccttgaa ccctggagct atgccagtca 600
tcgcgag 607

```

```

<210> 3558
<211> 321
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. W61319

```

```

<400> 3558
ggcagaagac aaaagcaggt ttattagggc cctgggcagc gaatgcctaa gatatgagtt 60
aaggccaggg cgtcgagaaa aggtgactct cctgaggcca aacctttgca tctcagaagc 120

```

```

cctggctgga gaccttagga gtcagttctg ggagggacct ggggatacag aggggtctct 180
cctgaccctg ggatctttgg gcttttgcca ggattgggga aatgatctgg ggggcaggga 240
gccttgaate cacagccttc atttcaataa cgaccattta atttgttcct tggcagactg 300
aagaacctgg gccacactct g                                     321

```

```

<210> 3559
<211> 458
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W61377

```

```

<220>
<221> unsure
<222> (1)..(458)
<223> n = a or c or g or t

```

```

<400> 3559
ggcagcctgg aagaggaaca gaagcnggnt cgggggtggan tnagaatact anncttagct 60
tgagacattt tgcaataagg aagctatatc tagagtgtct atgtgactca cctaaggcca 120
ctcaacaagt ttgtggcaga actggattag aactgcacag aaaacagcca agctgggatt 180
tgaacccatg tagtccaact ccaaggcctc tgcccctaac cactgtgcca taccacctcc 240
caataatcaa cagcaaaatt ataggtctaa caatgtttta tagacacccc tccatttatg 300
tgatgggttt gcatcctgat aaacccatca taagttgaaa atatgatcat aagttgaaaa 360
tatgatcata agtcaaaaat gtatttaata tacctaacct accaaacatc atagcttagc 420
ctagcctgcc ttaaacaatgc tcagaacact tacattag                                     458

```

```

<210> 3560
<211> 436
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W61378

```

```

<400> 3560
cagtagaaac tgtacttcaa atattgaatt tttattcaaa attctttata actttattac 60
aatatagatt ttgtgttggg tagttttgcc cactgtaggc taatgtaagt gttctgagca 120
tgtttaaggc aggctaggct aagctatgat gtttggtagg ttaggtatat taaatacatt 180
tttgacttat gatcatattt tcaacttatg atcatatttt caacttatga tcgggtttat 240
caggatgcaa acccatcaca taaatggagg ggtgtctata aaacattggt agacctataa 300
ttttgctggt gattattcgg gaggtggtat ggcacagtgg ttaggggcag aggccttgga 360
gttggtactac atgggttcaa atcccagctt ggctgttttc tgtgcagttc taatccagtt 420
ctgccacaac ctgggt                                     436

```

```

<210> 3561
<211> 327
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W63608

```

```

<220>
<221> unsure
<222> (1)..(327)
<223> n = a or c or g or t

```

```

<400> 3561
aaggatgact cagcagggat gattcagcag agataactcg gggatgagtc atccctgctg 60

```

```

agtcattgtct gttgaggggc agtgctgagt catccctgct gagtctgctg agtcattccct 120
gttgagggggc aatgctgagt catccctgct gagccatccc tgetgagggg cagtgtctgag 180
tcatctctgc agagtcattgc ctgttgaggg gcggtgctga gtcattccctg ctgagtcattc 240
cctgtctgagg ggcagtgtct agtcattccct gctgagggga agtgctgagt natccntgca 300
gtnatccctg tttgaggggc aattgct
327

```

```

<210> 3562
<211> 444
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W63728

```

```

<220>
<221> unsure
<222> (1) .. (444)
<223> n = a or c or g or t

```

```

<400> 3562
tcactgtgat gaaatcactt taatgtcctt gccaaaggaaa tgcccaagac actggcaggt 60
gggcaagtaa gtgtccagat gggaccccgcc agctctgtct ccactcagca gtgtccgcac 120
gccccaggcc agcaggcgnc cctcctcgg gcaacactgg tcttctctgag ggcagcccggt 180
gctgggggtcc cacgttctgt ccatagtgtc tgtgggggtct ctagaactca gtcattcttct 240
tgtgggtgtc tgccttctct tgctcctgct gcaggccggc ttctctgagcc cggagctgcc 300
ccagctggcg ctgggctcct gccagcttct cctgcagctg ggctgacgcc acgctatgcc 360
ggccagcgtt gcgngcgaga ctctgggatg ctctctgatgt cccgctgggt tcgctcgatc 420
ttctctcag tctggaagag ccgc
444

```

```

<210> 3563
<211> 519
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W63741

```

```

<220>
<221> unsure
<222> (1) .. (519)
<223> n = a or c or g or t

```

```

<400> 3563
tagtcaagca attttttccc tttatttttg ttaaataaga ttccagaaag tatagtgcaa 60
acactcagta gaaaagttgc aattaagaaa tgtacattca catttaacat ttcagtccat 120
tcactttttt taaaataaaa ataggacaaa ttattcaatt acttgtctca atttaacaat 180
cttgaaaaag actggaaggt accctacagt gttcagttga cataaaaaata gaccctgatt 240
gatcatatac atctatcatg agaagttacc cagtgtgagt gagttattgt aattctgaat 300
gtactcatcg tgtttctcac ttctacagaa gcattcctcag tgagttgtat tgtgcgagaa 360
aatgacaccc ttgccacat cactctccat tccatagagg gacacaaccc tatctagcca 420
aaccagaaag aacgcaggcg cttacacaac tttctctgga cagtcgagaa aatccaaaag 480
tgggcttttg gcttacttaa ataggaatgg anctcgtgc
519

```

```

<210> 3564
<211> 495
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W63785

```

<220>
 <221> unsure
 <222> (1)..(495)
 <223> n = a or c or g or t

 <400> 3564
 agtaattaaa acgttatttt cttttcttta aaaaatggaa ctaaaatacg cttcctatta 60
 acttctaccc ttgtctctac accaattgtc taggaccatc caaaaaaac taattctttt 120
 tctatggttag aaatatattat taaatgccta ccatactagg catggaatga ggtacaaaga 180
 tgaacaacatc cctttaatta ggggtagaaa gacaaaagca taaatttcac aacagagcta 240
 tacaaaatct gtagcgagag taatcacacac taccagaaag tctgagaact acctcaaaat 300
 aaacactatt taagatgtat gttgggagaa tgggtaaaa atcagcaggg tccagggtag 360
 aaataaaaag atactccaga cattcctggg aaagagaaca gcatacataa aggcacaaaga 420
 tgacaaaagg cttaatccac ctagaagaca taaccattat naatatattg gcacctgaaa 480
 acaggcttaa aaaca 495

<210> 3565
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W67147

<400> 3565
 gcacagtctt acatattcca gtcaaggctt atgaatacag accctcaaca aacaggaagc 60
 agcttttaaaa atgtatcaaa ttgctatagt caattctctac actccagctt gtagttttct 120
 ttgtttcagg attagacaca gaaccattc ttcaaggact cggcaaaagt tctagaaaca 180
 aacaccatgg tgggtggaagc ggttgcggtt cttcagtgat cacctagatt tgggtgtctt 240
 ggtttcagtg ttctgggttac tgaagggaatc cgggatcttt acaacttcag ctgcacacaa 300
 atgtccaaaa gattttgtgt accattctgg catgtggccc cttaaagtca actctgcaca 360
 tgtagggtgag tttggatttt cctggcccac aggggttcaat caaataacctg ggacaaagag 420
 ca 422

<210> 3566
 <211> 455
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W67199

<220>
 <221> unsure
 <222> (1)..(455)
 <223> n = a or c or g or t

<400> 3566
 tgcattgaca tttttttata ttttggtattt gtaagtcttt aaaaaaatgt tttcaggcca 60
 ttttttcctt aaaaaaaaaa aaaagcaacc aacagcaata ctctgtacaa gtataacaaa 120
 cattagaaat atgcatcatt ccaaaatagt tacaggaaaa ttacagttta gagtccacat 180
 caacacatcc tatgtgtatg tgcccccag ggagaaaaag ctacagtatg ttaaaccacac 240
 agctgtctaca cagtagtctg aaaacccagg acttaaaact tttgaggcaa atcaacaaca 300
 gtcaccaaga cttgtttang ctcaataagt acaatcaagc atttcaaaag agaaccaggc 360
 tttttcatcc cagatgaaaa acacacgtga tgggctgcat agctgacccc cgccctcga 420
 tccccaaccc ccggggagcct ctgactcaac agang 455

<210> 3567
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. W67251

<400> 3567

```
caatttagtc actatttatt atattgacat atttacaaaa taatacaaag tgaataacca 60
ctctaattca ccatattaca caagggctgc atacaggcaa gacaaagtat atggaaaaca 120
tttacttctg tctttggtat tagaactota cacaaatctg cagcatttaa attttccaaa 180
acaaagtatt aaacgtggac aaagatgtaa ttggtaatgt cacaaaaagg ggctccaata 240
tcctctgcta ggaaaccccc aggcccatga aatgcaacag gaagactaaa caccatttat 300
aaggagaggg tctattgact aaaataaaca atacatgcta caataccatc cacaggagtg 360
tttctgcttg tgtgaggctg ctccctccat aacaaagtgc ggctga 406
```

<210> 3568

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W67564

<220>

<221> unsure

<222> (1) .. (413)

<223> n = a or c or g or t

<400> 3568

```
tgtttcatac cttttattac aaaaatcaat aacttaattc agttctgtat aaagtcgata 60
ggacttctgg tccaataagc agcctaagct ttcatttctca tccaagaag ggacaggagt 120
cttggcccgag aggctgtggg gaccacccaaa agcctcccgag gcagctggaa cactgtgtcc 180
aaaccaagga agtccaatgt ggggtgtggc tgagtgaaga gctgttccta aggagccaag 240
tgctgtctat acaggcttgc cctccagga gcattgggtc acctctgggg atggccaggc 300
tgaatcagca ctgccagcct ctgccacct gatctntgcc ctggggcctg gaacaaggctc 360
acctgaggca aaaagcattg tcccccaag aagggnccag gattttaaca tct 413
```

<210> 3569

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W68721

<220>

<221> unsure

<222> (1) .. (499)

<223> n = a or c or g or t

<400> 3569

```
ttttaagtta aacacccata tgaatttatt aaatccagac tgtgttaaag ggcggcggtc 60
taggaggggg agtgtggtag ggggacgagg gacaagatga tgaacggccg tggnatcccc 120
tangggcgcc cggcccaccc ccgcccaccc caccctctcg gcaacgctgc atcagcttca 180
ccatgattcc cagtgtgtgt gggctggcag ggcgagatgg ctggaaacac agagggacag 240
agggacagac agcgctcca caaacaaccc ctggcctgcc ccggccccta catcacacgc 300
tgggcctga cctgaggcgg gctcccacc gcccggcct tgatctgtcc agggaaaggg 360
cgacattgga ggggagcga gggggccggg acgcaggggt agtggtcgcc aggaagccgg 420
agcaggttag gaccagtctc gactaatcct ttttcttgtc ctctgctggc tttggagggg 480
ctttcttggg gctcgtctg 499
```

<210> 3570

<211> 473

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W69302

<400> 3570
gcttttcggtg gttccttggg gactgggaat tgcttgtgtg catgtgttgg gtgcatgctt 60
ccgggtctca gctgccccag gcccgcacag gcaaccctt cccatccaaa gccattggtg 120
gagcttctct ggaatcattt gccaaaagcc caaggcagaa tccaagggtc caagaccatt 180
tccatggagc tcatgttttt cttttctgta ggaacttttt ttaaccagc acccaccata 240
attccgaagc cacgtttcat ctttcctgga tcactacagt gaagtattac acgttgtaca 300
cgttcccagt ctggccttgg cttgctcgga taaaactttg tatgtatttt gtatggcata 360
gattctatat tgtaatgatg tcctatgcaa aaagagaaat taacgaaatt gtaaatttta 420
ttgttttaac gtgtatgcat gtttagtgac gtttacattt tgaaataaaa ttt 473

<210> 3571
<211> 476
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W69468

<400> 3571
tcagcagcat ttcacgctat ttattcccca aaaccttctg ccatagaaga cagccaccat 60
acagattgga aaatgtggac gaggagaaaa ggggtgtatg gtaagcaaaa taaattgtat 120
ttccatcctt tggggaggat aaaggaactc ttgcaactgc tataatgaac agccccaaa 180
tgccagtggg ttaattcagt ggagttcaga cctcattcct atatcattgc agtgtggatg 240
ctcctggatg aaggctcttg taggtaactc tcctccagtc ggtgattcag ggaccagacc 300
tccttctgcc ttgcggcttt gcttttaaaag gtcctcaggg tgctctccat gtatcttgcc 360
aatggggaac gagtgtggag gactcacaag cgggtctcac atcacgtcct ccgggggctaa 420
tacacatccc ttctcccccac actctgttgg tcagaagtca ctgcttggcg ccctgc 476

<210> 3572
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W69675

<220>
<221> unsure
<222> (1) .. (445)
<223> n = a or c or g or t

<400> 3572
tttttttttt tttttttttt ttgccaagga cagcgaagtt tcattttattt gtgcaaatac 60
aggcatgagc aagaatgttc taaacaatgt aacgatttcc agcattgatt acagaatttc 120
ctctgatcat ttgatttggt tatagatgaa tttaaacttc aatttaagct tgacttttaa 180
aactccccct ctgcttcctg atgaaccagc ataattccta aaattacacc taaacaagtc 240
tgtcttgaca cattgggggt tgcttttaga aacatttaga atctagtatg ggcaaggcgg 300
ctggaacgag gtttgggatg ggcacaatga tttatgctta agttctgttt tggaccactg 360
gatacaaaa tcattggtcc atttccattt ttaagggggt tccataaatt ggtagccaat 420
taatcctcng gaaacanttt ttgnt 445

<210> 3573
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70115

<220>
<221> unsure
<222> (1)..(428)
<223> n = a or c or g or t

<400> 3573
gacctttatc aataggactt attttaatga ttaccattac agaaaggagg ttgggttaatc 60
cccaaagatt ccttatctgt gaaatgagga aggttacaat aagaatgtga atagagtact 120
aacaccaagg aagtgaaaat actaacctca aactcccatg taagcatttg ggggatacgt 180
gtagtataaa gtacaaaata cacagttaa taagagccac ccaaatagca atctttatat 240
tcattcctta tctcctttgc acatgaaact ccttggttgg tttaatcacc tctacaatta 300
atagctgaag accctattng actactcttt actatggatc caatttaatt aggaagaaaa 360
aaaaaggcag ctttaagggg acaaatttat ggacttaaaa atgggttatt ttaatggaag 420
ggcattag 428

<210> 3574
<211> 128
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70131

<400> 3574
gttttttgac ttcatttatt atataaggaa cctaactcaa attggcttaa gcaattaata 60
aatgtttatt gttacattgt tgtaatgtgg ctggaaatcc agaagtcata caaatctgtc 120
aggattgg 128

<210> 3575
<211> 144
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70313

<400> 3575
gcatgtgcaa aacaccagac acatacagaa acaattagga ttctatgagg gcagagaatt 60
tgtttctcta aatggggctg ttcaatgttt cacagagcac aaggacaaga aattcaatat 120
ttttgagcag aaggaagaac tcat 144

<210> 3576
<211> 141
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W70336

<400> 3576
cttaataaaaa aaaaataatt tattgtcaac aaaggtgata tataacaacag gaaaacagat 60
gtaaatgaga acgggagtga atgggggtgcc caggcccagc tttcaggcct ctgcaggggt 120
gggacaggaa gaggtaatgg a 141

<210> 3577
<211> 490
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W72044

<220>

<221> unsure

<222> (1)..(490)

<223> n = a or c or g or t

<400> 3577

```
gactagaaac accacacgtt taatgcagtg ccatatgcac tctccttttt acaaggcaat 60
cacagattga aattccatag ggctgtggca aaaaacagtc atctctattc tgtagtaaca 120
aacaacaat tttggctcac taagattgaa atacatggca gacaggattt cattcttaga 180
tgactatgga tttcgaaata aacttcataa actgaggtga aaattccaat atatcgagtg 240
gtgggaacca agacttttca ttgccttttg ctcagtaaga ttgtctacac aaactgccac 300
gggaggaatg acaagcagtt gacccactgg tggatacaca caccgtgtga ccatgtaaac 360
acgccactgc aggacggacg agcgtgaccg tgaagcgtgg ccacncgcga cccacttag 420
agtgtgacct ctctataatc actgctgctt ttcttggttt tggttttttt ttttaaacac 480
agccctattt                                     490
```

<210> 3578

<211> 212

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W72079

<220>

<221> unsure

<222> (1)..(212)

<223> n = a or c or g or t

<400> 3578

```
tccttttaat atgaggaggt ctggtgtgaa gacagatcaa gcatgggtac ctggcttgaa 60
cattgtccat taagaaaatg tatcagttct cgcatagcac cagtcaaggg tcaaggaaaa 120
tgccctgac ttgcntgtgt tctcagagtg tcttcgcagc acagtttntg aaattcaaat 180
agtngttttg agacaaaaat nccgccaggt ac                                     212
```

<210> 3579

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W72187

<220>

<221> unsure

<222> (1)..(378)

<223> n = a or c or g or t

<400> 3579

```
tagttagaat aagtatttaa tcgtttacta ggtgatctaa atcagtgatt ttcaaatagt 60
aagggagggg catgatgtat ngtaatttta catttggaaa agaaaaaggg aaaaanaaaa 120
aaaaccttac cagttgagaa accctggctt aaagataaag cttatgtngg naataatcaa 180
gaaagggaga tatttgagaa gggaaaggga aatacatcac ctcacgaag tctcctctca 240
caatatgaac atcaccagcc agagtcttga gatagtcata actctctttg gtgcaaaggt 300
ttcctgtgca gagaatgtgc tgaatttttc ctgggcacca ggagtttttt gaatttagct 360
ggcaaaactgt tgcaccgg                                     378
```

<210> 3580
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W72276

<400> 3580
tttttttttt tttttttttt tttttgaaag tgacaaatta atatatttta ttgcataatt 60
ctgatgggaa aaacatagct aaaatagtg ctttggtatc ttatttacag tcttctagtc 120
cgtcatctcc ctcttctcatt ttatatcaag tttcaaaatt ggtttcatgg taataaaatc 180
aaagttgtag acctctgcca tgccctgatg tagagttttg ttgaaacggg cccagcgaaa 240
aacagggagg ccaccttgta ctgtgggacc acttatggca taggatgtgt actgagatgc 300
taggtagata tctgccacct ttgtgtcata acaacctcca ggacttgggt taggtgagtt 360
caggtcctca cggcagcaga tggattaca ggggtcacct ctactgtaag gatccttctt 420
ataattgttg tatcgcatga tatatttcatt 450

<210> 3581
<211> 577
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W72382

<400> 3581
taagagaaag aaaaatcaaa tattttattaa aagtaccata atacagaccc atttcaagta 60
aggacaaaca caccaacata tttcttagta gtttcctcac aatagattat taaagcatag 120
aacaattatt catattcata aagaaatgac ttcaaaatag gttaaattgt tttccatcta 180
ctctgtttta taaggcaaga acaaattgatt cacttttagac aaatagtctc atcaaaaaag 240
ggctaaaata gtaaagattc atcacctaaa gtggttaagct ttggatatct gaaatataaa 300
catgttagta ctctgatgat cgccagataa atgaatttag gcaagaaaac acattggttac 360
aaaaagcctg ggttctaaat caggattact gagacactaa caatttcaga tttttgcctt 420
cattccaaga agcaccaacc cagttttctt tagactggcc tgggctgggt ttggggccaa 480
gatctagtcc aaatggtagt ctgccagtgg atgtaggtaa ataagataga gggatgaaga 540
aaaatttagc atcccgccag ctgaatatcg ggttcgc 577

<210> 3582
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W72471

<220>
<221> unsure
<222> (1)..(467)
<223> n = a or c or g or t

<400> 3582
tttttttctt aagacaatga tttttattac ctttagtcta ccacatttgt cactataaat 60
atacttattg aaaaaaaacc atactattta aataagaatt cagttcatga aagtttaca 120
aatacaacca atgtactctg acttggtggt atatcttaac tatctcaact gtacttttct 180
ggtatggcca gaccttttgc aaatattacc atgggtatatt aattttatga tataaaacag 240
tagcaattta ttaagttttc cattataaaa attaatatgg taatttctca aatactgaaa 300
aaactgtttt atcgaaagca gtaccacat cactgcaacg tatttcctt ctcttagaaa 360
acatcttcca aaaggcacat tttaattacn agtgggttat atcnaaagga tagtagtttg 420
gagggttttg aatttccagg ncaattttcc cnttatecnc aaaattg 467

<210> 3583
<211> 259
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W72861

<220>
<221> unsure
<222> (1)..(259)
<223> n = a or c or g or t

<400> 3583
gaaacagttc tctttacccg tgatcactga gtgacgcctg gggggcgagg ccgaccgaga 60
gtctggggcg agggctcccc caccgtcccc ctgccccccac gccacgtcgc ccagcggcat 120
cgtggaaaga ggattctccc atgcaaacc cggagccaga ggagaagggg aagcgcatt 180
ctgcgcccc taccctcggt gcacggacac ggccacagca cggggggcggt tgaggccccg 240
ggacacgaga cacnggga 259

<210> 3584
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W72972

<220>
<221> unsure
<222> (1)..(449)
<223> n = a or c or g or t

<400> 3584
tttttttttt tttcaaaaaa gtaggcaagt actttgcttt attgacatca aatggaactt 60
cttgtccctc acgcagtcca cacaacagta aaggcacaat gaggcatatt aaaacatagc 120
cagtttcaac agcttgata tttcctgcca tggaaaagta tcctgcccac agattccat 180
taacatacat ggtacattaa tatcaatctc tatcatatac caggccacgg tacatgtttg 240
cacgcagggt cacgttctgc aacaaactta ttctaataac agtattcaga aggcacccta 300
tgggacacag gtgacagttg aagttacgag gctagatggg ccacatcttt tacatccaag 360
aaccgcccctg gggncacacc ccaaactggc tngaggtgag gaggcnggtt ctgcaaagca 420
gggtcagaaa cactcccccc ataccctaa 449

<210> 3585
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W73038

<400> 3585
tttttttttt ttttttaaaa atcagatggg gactttattg tgatgggtggc aggtccacca 60
gcagatgcaa atgtgggggtg ctgagagtgg caacacaggc caccctaaac caacttcact 120
ccctccccctg tcctcagcca gtacagaagc caaatgtagc cccagcccta gactccagcc 180
caggcagagt ccaagggagg ggtgtcaggg tcagaagtca caggagccc agtgactatc 240
aaggtggctg agagcaaggc tagggtaggg atggggcaga gaaagggcag ggggtgcagc 300
ccaggtggcc caaagcaaca cagaggagca agggctggca ttcaagtcag caggtccct 359

<210> 3586

<211> 498
<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W73189

<400> 3586

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tttttttttt tttttaaaat ctgcgccttg gtgtattgcc taagtcagta agcagaaaagc 60
accttcttcc tggagaagga tcaagtcctc aaaaggtagg aaatgtcaaa gtgtcacttc 120
attgtcatta aaaaaaacca aaaaacaaaa aacaacccaa caaacaaacc ccctaaacca 180
aaaccaccct gtgacaaaaa taccctcgag tccaggaatt gctgtaaaca aaccagatg 240
caggatcaac ccttctcagc ggcagtcgga gctgacggca gtcactgcag tatcagtcct 300
cgaggcaggg gctggcgagg gtgggcacca ggagggccag gctgccaggc tgtgcgcgtg 360
atatgtacct ggagctgcag acctgggggt tgccatcct caggaaggct gacctttctg 420
gggtccccgc gttctccctg acccaggagg acaaaagccc tttcagccct gtgagccaac 480
aggagaaaacc ctctgtgcc 498
```

<210> 3587

<211> 445

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W73194

<400> 3587

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gaacgttaat atttttattt cttttgtaat gaagagtaca aatggttggg agcaggacat 60
cacaggagga ggaaagatag cgccatctct gcagaagaac tcctgagcca cacacagaag 120
gaaagttgat ccccagggca gcctttccca ccaaaaaaat caggcccaat ccaggagagt 180
ttgccagtag ctccccaggg ttccagggtg tctgccagcc ttcctaggaa tcgtgggcag 240
gcttctaggt gccagtact caaactcctt ttcccaacttc ccagttcaac ctggctactc 300
tcatccccac aagttcccaa tctgaatccc attctctgac cattctctgc ttccttggtt 360
ttaatctcat ttgagagtga tcctcacggg ttccccctggc ccctgcactc attttcctta 420
ctgggtatgc taacgttcct cgtgc 445
```

<210> 3588

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W73382

<400> 3588

```
atatataaag tatttatttt taatgcacat atttacctac aaaatttaca gaaaataaaa 60
caaagcagaa tatatagaat accctcttaa gacttcttag gagctgaggg ttttattgct 120
gcagttcaaa gaatcaaatt ttatacaagt gaaagctaag atgaacacat ttaagttaaa 180
tggcagcctt gttaaaaagc ttttttatcc tgttattgaa ttttcagctt tatgttaaat 240
gaaattttaa agattgctca tgaaataatt taaacctttt caaatctaa taaacaggta 300
aaaggcacct ccagtacttt aaaatattta cagcaatccc aatagtttaa ttttaagggc 360
tattatagta catgcggtca ttatgcatac acagtatggg cattaacact ctctaa 416
```

<210> 3589

<211> 425

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W73601

```
<400> 3589
aatatgccac aatttttatt gcaacgtggc catttttgtg aggggtgggga gtttgatctc 60
aaaacaatgt tccattttaag gctcttttat acagaaattg ccatcatgac tgatattcaa 120
aatactcttta gtgttgacagg actcacatgg taaacataaa actcctacac ttattcagta 180
gtgtacactc aatggaaaac aaaaaggcat taataacagc tatttctttt aagaagatat 240
gcaggtaaca ggaatgaaca ctgagggtact aggataagtt gatgacacag ttaacaaaac 300
ttaattggca ttccttttag gatattaaac ttattacaaa aagtgcctttt aatgcatagt 360
gttatatccg tgctgccata tcaactaaaat aggccttgcca aggcagggtg aggtgtatga 420
atgcg 425
```

<210> 3590

<211> 490

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W73818

<220>

<221> unsure

<222> (1)..(490)

<223> n = a or c or g or t

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<400> 3590
ctgttttagcc atcccactgt aatgctgcac taagccttga gaacaaagag aatcacgcaa 60
ctgggaaacc aaggctttgt gattttcagc caagccaaac atgggtcactc tgtcaggaaa 120
gccttgact catccctgac tgactggctg ttccagttag ttctttcttg gcttaaaaaa 180
aagagtgaga agaagagcag ttgtgtggtt tgccctgtggg gacttgggca atggggggtt 240
gtagagccaa gtggccacca tgataagcga gactgacttc cctgtgcccc gacatttggg 300
aggaggcagc acccccagca cagcctgag gttcaccagc ccttggncc tggcacagat 360
tcctcccttc ttgctctgga acaactgttt ctgttcccca cccattgtg tcctccagga 420
ttcaccgtag agatcaccat ttgataagc taatctgcag cgggtgaagcc ttcaccaagt 480
ccctcgtgcc 490
```

<210> 3591

<211> 566

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W73889

<220>

<221> unsure

<222> (1)..(566)

<223> n = a or c or g or t

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<400> 3591
tcctctccgc gaactngcac caactttatt tgcaaaaaga ggctccaagc gcacggagag 60
gatgggggct gcaagggtccc caccctcctc ccggcctccc gcggctcctg ccctcctcca 120
ggccccccac ggcccccgcc ccgcnagcta cacgatcccg aactnngcac nctntanggc 180
agctgatcgc ggcagctntg ctggaaccac ttgcccgttg cgcgccctgac aggaccgcgc 240
agtctctcggc cttgcccgcc tccgggttgcc cgggtgatctc agtctccagc ttctttagag 300
cgatgcgggc gccgggtcatg tccaccagc tgccctcggn cgccatgtcg ttgaggccca 360
gccagatctc ggccctcggtg cccacgctct ggcgcaggta ctcatcagc gcgtcggtct 420
ccgagccagt ctgaggggtg ctcagggtgc cccgcgcgag atgcagttct cgctgggctc 480
gtggaangtc ttcgtctggg tgaaggcaga aagcatttta tgtgnacttt ggggtccentt 540
naggggaanac gtttgaaggc ctgctg 566
```

<210> 3592

<211> 425

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W73914

<400> 3592

```
cttattaata tgtttattga gattataaaa tataataagt tatatatata cagaattaga 60
caaaaataat attgacaatt aagacttcac tgtctaaggg ccacagacct accctgggggt 120
gttttctaaa tgttttaaag tattgcagaa ttatgaatat ctccacacaa aaatggcagg 180
atggagtcac agctttgggc agtgagaatt attatgatct cattgttctg aatcccataa 240
cataggctaa agcttgtcag agtaaattccc atgtttccaa ataagtaaata gacaagggaa 300
tttgtaacta tataaggaat agctccctaa aaatggcagg tggagagcca atggaacatg 360
agctgacact ggctggcctt acagccccag aattctaata gtgtgaaatg aggccaaaagc 420
accag                                         425
```

<210> 3593

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W74158

<400> 3593

```
tttttttttt tttttttttg aattttttaa accttattta ataaaagggt taaagatata 60
gaagaacatt caaaagtaaa taagttacat aggtacatta caatcacatc agcaagattc 120
tttagtgtat taattttttt cttataaaaa gcacacaaaa aataaaatct tcagtctcta 180
tcacaactgt acagcaaaac gaggtaatat ttatatatgt acactatttt aatactgtaa 240
cacgtctttt taaaaaagga tgccacagga gcaaacacac aaaaggcagt gtctgatcat 300
ttttgtttca aaataaaagg aatatactta tttatatgct attaaaatat ctgtacaata 360
attacagact gtcaaggctg ttctgtgtct ctggtccctt ccaacaaagc cttca      415
```

<210> 3594

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W74233

<220>

<221> unsure

<222> (1)..(429)

<223> n = a or c or g or t

<400> 3594

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ttgacgttgg cagtgcattt tatttttctn nggggagggg agttatatac agcagtgacc 60
cggagccccct cccccccacc aggcttaggt ggggacagga ggcgttggca gaaggcacac 120
agtggcagta gccagaagag gccaggaagt aagggtgggt atgtgatgtg tcctgggaga 180
cccagatgag gaaattgagg ctacgtgagg gcctcaggtc acacagtaag gtgcgaagga 240
gctagtcccc agagcttgtg gtggttgctt ctctcttgcc tgggctacag gaggacgcag 300
gggcagcccc cgcccttctt cctgggggca ctgggagggc tcgggtgggag ctcttgttcc 360
tgggtatttc ggacagcccc caccagctgc ttcaaaagcc tcgtccacgt tgagacgcac 420
tttggccga                                         429
```

<210> 3595

<211> 610

<212> DNA

<213> Homo sapiens

<220>
<223> Genbank Accession No. W74536

<220>
<221> unsure
<222> (1)..(610)
<223> n = a or c or g or t

<400> 3595
ttttttaaga tgtgtcaggt gtttaatcat cattgtgggg ggctctgggt gtagaagaaa 60
gcttggcaag gtgggggttat acaggagaga gattatacag gagagagttg gtctgaggcc 120
agaacagttc aagggaaaaa gaaaaggagg ctgatggatg ggatctgtct gtggggccct 180
caaggcctcc agtactactc tcgctgcctc caggttctct cgactgattc agttctgcac 240
gtcctctctc ttctctctgg tttctggggg ccttctctct ctctctctcg cgttgencct 300
ttgccacaag atgaccccaa tgagcagggc ggctgtcccc aggcctccca ggatccccag 360
ggccagggct agagttccca gccctgatcc tcccacagag cctgcagttg gcccctctct 420
gcctggttcg atgatgctga tgetgacagc acggctttcc tggggcccgt gntggaatgg 480
gtggccacac agctgtaggt tccctggtcc tgaggcctat tcaggaggga ttagacaggg 540
tgggggnag ggaagggacc tcgtgcgaat tttggctcga ggcaaattcc tatagtggtc 600
gataattgga 610

<210> 3596
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W76097

<220>
<221> unsure
<222> (1)..(419)
<223> n = a or c or g or t

<400> 3596
gtgggagcac acagaccagg tcccaatcct ggttctgccc ctgactgggt ggtgactctg 60
agcaagttgc ttgacctctc caagcctccg ttctctcatg tgcaaagtgt ggacaaaaca 120
gtaccttctc cataaggaac gtgcgacgcg cctcagaagt acgtgttcat aaatggtagc 180
cattgttgtt accttcccgt ctgtgaacat ggatcacatc atctctgtgg gtaaccaggt 240
cctcgttgta tgacttgtca aaatgcagtt ccacttgtat taatattgac cctgttctac 300
gtcaccangg actgcatctt gcaccactgt gccgtcttct aggcacacac gaccccgtaa 360
tctcccttgg aaaaattcct ctactggaa atgtacaatt aaaggatgat tgaaatgttt 420
aaaaaaaa 428

<210> 3597
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W78057

<400> 3597
tttttttttt taaagatatg tcgttcattt attctgaatc ttatattgat agataatacc 60
agaagatttc agcatagcag ataaaaatata gcaaactcta accagcacag gttttagtga 120
caaacggggc cgttccatgg acatagatga cttcatcagg taattacatt tttgttttcc 180
taagtgttta catttcttta ctgtgacacc ttcagattgg agattttaaa ggcttttaag 240
cgggtataag tgctacctgg gagagttatt gcatagcact tccatggcat ggaatagtat 300
ttggtgtaga agatggaggc tagttagctg cagcagaatg aacattttct ttaagaacag 360
tagtaaagaa cagtcggagc cagaagattg cctttgtgtt aatgtggtgt gcaggttcca 420
atgtggtgtg caggttc 437

<210> 3598
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W78093

<400> 3598
 tttctttgtt aggctgtttt aaacgtctta gcaggatgtg gacccaggtg gctaacggcc 60
 aatttggcga cgcaaattct tctcaccaca gtgggttcag agaatgagga gagggctggg 120
 aggtgggctc agggactctg catgttgctg aagggtgaaa gagctggaat gctggctcat 180
 ctggcccat caactcccaa ccaaatttgt gtgtccttag gcaaagccac cccctgtctg 240
 aagctcagtt ttcctgtctg taaaatggag aaaccagaca ctgtccacac aaggtgaagg 300
 ggcacccaag aatgtgggag gatttaacag cattgtagct gtgggctgca ctttgggaaa 360
 gttcaaaggg ctctcgaat gccagggaag tctagaatag tgacgggttc cggctgcccc 420
 agtttggtct ccaacct 437

<210> 3599
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W79046

<220>
 <221> unsure
 <222> (1) .. (420)
 <223> n = a or c or g or t

<400> 3599
 atgcatctga cagggcaaca tttcatacac catttagtca cctaggccaa agtccggaag 60
 atngctcctc ttacactttt ccgaagataa tgagcccagc caaggcaaca gagatgctta 120
 tttttggaaa gaagttaaca gcgggagagg catgtgctca aggacttggt actgaagttt 180
 tccctgatag cacttttcag aaagaagtct ggaccaggct gaaggcattt gcaaagcttc 240
 ccccaaatgt cttgagaatt tcaaaagagg taatcaggaa aagagagaga gaaaaactac 300
 acgctgttaa tgctgaagaa tgcaatgtcc ttcagggaag atggctatca gatgaatgca 360
 caaatgctgt ggtgaacttc ttatccagaa aatcaaaaact gtgatgacca ctacagcaga 420

<210> 3600
 <211> 432
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W79421

<400> 3600
 tttttttttc aaattaacaa actgtaattg ttttcccaa gatacathtt tttcatacac 60
 atccatcata cactgtaacc aaaaaagca gtgtacatga aataagagaa aataaattaa 120
 aaatccatag cataggttaag gaggtcttag tctggagcac agctgagttt ccagcaatat 180
 aaggaggctc gaaagtttct tttataagaa tgcttgctag caagggttcc agcaagggtg 240
 ttggttggtc tgtaagtcag tcttgagtac ttgaaacagt tctgtgtttg ttttttttcc 300
 ttgagcgttta gaatagccat cattgtcctg caataggcag agctatcacg tccaggaaaa 360
 atgagggagg gaaccacaga ggcagcgtga gatccaaata cagcattcaa aggtaattgg 420
 tccagtgggtg cc 432

<210> 3601

<211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W79422

<220>
 <221> unsure
 <222> (1)..(463)
 <223> n = a or c or g or t

<400> 3601
 tgcggcagtg caggcctcag agcacaatgg ctttatattgt cactgagtgg cggaccaggc 60
 ctacagccga gggaggaccc cagtcacagg ttgaaacaaa ggcttgagcc tttgtttcca 120
 gaagagcaga gaaaatctca tgatcggcag gagagcaggc agcacttttc cagcacactg 180
 gccaaagccg atgcggtaac catccccctg gcagtaccct gttatgatga cttcatcccc 240
 gtccagcaga aacttctctg tctgaccatt ccccaggctc atgggcttcg ttcccttcca 300
 cgacagttcc aacatggagc cgaagttttc tgggctccgg cccactgatg gtcccagaag 360
 ccaggaggtc ccccgccgc agtttgacgc cgttgacaga gtggtgagtg agctgctgna 420
 gnatcggtcca gtacatgtac ttaaaattgg actttgcata tgg 463

<210> 3602
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W79773

<400> 3602
 gaagaaaacg tacaaaatta tatatatatt tatatatata ataacatgac atatctatgt 60
 acaacatggc tgggacagtt gaagaaacta tacaatgggtg ttcagcattt tccccttccc 120
 agatggactt taaggatgac agcatgagga aatggagcaa gaaacacaaa aattatatac 180
 aattacaagt gacagtcaag gagtttgggg accagggagt ccagggatcc tgctctctcc 240
 attccttctc caccaacttt ctctatcca atttgaatga cagcctgaac actgaatggc 300
 cagtcaggag aaaggcatat acacacctca tccccccaca tgcacatcag caagtctatc 360
 agtcattctc attgggccaa atggttggca tatcagaatt tgtgatgtga gagggcaaga 420
 ggatt 425

<210> 3603
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W80609

<400> 3603
 aattcttggtg gcaaatttaa tagaagaata tgagactcac ccttacttcc cacacataaa 60
 aactgacagg cactccaaat ccttacagac atatgcactt cggaatcaac tcaggcatgc 120
 acagcatccc tgtgctggag tttatttttaa aaaacaacgc cccagttatc acagtttctt 180
 tttttgttca ccattttcca taacaaaaga agctacacaa aatttggggg gagatactct 240
 ctttgagagc tgacacattt gcagaggggt catgaataat gattccaaag ctctatttta 300
 acttctgaat caggcaaaga ataagtgaca atataagaat gaattttgtt tacagcaata 360
 tcataataca gcattgaatc attacagtgc agtggttgta 400

<210> 3604
 <211> 186
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W80730

<220>
 <221> unsure
 <222> (1)..(186)
 <223> n = a or c or g or t

<400> 3604
 caaatgtatc agtttatttaa aaatgcagca tttttcacat gagcttttaa gatgtggaag 60
 atgggggtaca attaaaacca tgagagttgt gcagggaaca gccgtaggnc ntgtttgcac 120
 cttcagatat tgctgtctcc caaaaattca gacccccaga tgcagggcaa gacaataaga 180
 aagggt 186

<210> 3605
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W80763

<400> 3605
 attggttttaa tcttttattt ggaacaaagg aaaaaaggac tgacaccagt ttagcctttg 60
 agtgtgcaga gctctgccct ccctcccacc cctcagcccc aaatccaaga tttcatagcc 120
 ctaacaccca cccaagcagc ttccctcaca catgcccttt gttttcttcc tctcttctat 180
 ggttccttag ggaaggagc cttctttagg gatgaaaagc taactacagc ccagtctggc 240
 ctccagcagc ccagggtcag ctcagcctcc actgga 276

<210> 3606
 <211> 544
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W80852

<220>
 <221> unsure
 <222> (1)..(544)
 <223> n = a or c or g or t

<400> 3606
 gacaataagg tgtgagcttt tattgcttaa ttctctgaat aattcaacgt agacgtctta 60
 aaacagtttt tgtttcaaga caaagatggg ggatattgga ttgactgatt actttcgcac 120
 ctaaaaactga aaggaaaaaa cttaatacaa gaattggaat tgaaaaccct agcaggatac 180
 ctagtaggta agggtttgga tatatctgta tctgctcata agtaaaacag tgattgtgca 240
 aatgggtactc gcctaagtac cattagggtta ttggtattaa ggtactaagt acaaggcagg 300
 tatcagccac tgggttgaaa anattcaaac cagtcaaaag atgagtcana gaactcctcc 360
 agccaaacct gggtaaattt ggtttgcttc tggcctgaag gcagtgtgaa gtgaaattag 420
 tttcacactt aaaacnagct gacacctttn taatctggan caccnaaatt tgggncatct 480
 accngggaaa gtggggaaat tccccagggg cggnccccac atattttaac ccggggcctt 540
 aggt 544

<210> 3607
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. W81053

<220>

<221> unsure

<222> (1)..(627)

<223> n = a or c or g or t

<400> 3607

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ctggaaacca aataggcttt agaagagatt atcctatatt cctatcagta taatactaaa 60
atgtaacttt ttaatcatct gggtttttaa agataaacag tttagcccat ctctccagag 120
agcaaacata ggaatatgac tcaggagcct cctagggctt atcatcagcc ctcacaccg 180
cttccccctc caaccacag cctttgcttc cagggtggcag gattactact ttgcctcttc 240
agcagcatct actctaggca tattgatcat tttagacact gggagaagag aacctcaaac 300
tacggaggaa aagacagagc ctccacttag ttttgggagg ggatggcaga cagtcaagga 360
gatgagcgtc ctaaggcatg ttgggatagg gtcagatgca ccacccatgg agaggtttgt 420
caacacaaag acatggaagg ttagagggtt gtcaacaaaa agacatggaa ggtaggttt 480
gtcaacacaa agacatggga agattagagg tttgtcaaca caaagacaca ggaagaatgg 540
gctgcagaag atttagatgn tttccatttg ggcacathtt acttagcctg gngactaggt 600
ttaaacagcc tgggagggaa tttgaag                                     627
```

<210> 3608

<211> 470

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W81079

<400> 3608

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tggaaatcag aggtgaatat ttatttaatt catatataaa ttttacataa tattcatggg 60
gctataaata taggcacatt ttttaaaagt ccagatacat ccaaaaatta cccctcact 120
gtagcctact ccaatccctt caagacggaa tatctaacag tgtttggaag acagggtcca 180
gaaaggccct gccattaat tttaaaactt tctgaccatc aagaccattc tttcctgctt 240
caaccaagca gagtcaacaa ggatcatgtg ttttcagggt ttttaattgca ctagttgatg 300
aattaagtaa atgcctctgc ctgggtagtt tgtaataggt ttatggggtt ggtttctcct 360
acttagttca agtcagagaa agaaaaacca atatctatat tcctattggc cttcttttaa 420
tccctatgag atggcttaaa aggatgtcac tgcaccagag gactcacttg 470
```

<210> 3609

<211> 605

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W81268

<220>

<221> unsure

<222> (1)..(605)

<223> n = a or c or g or t

<400> 3609

```
cgagaaaaag aatttgagga caaagtaaac ctactttctg ttctggaagc tgctaagatg 60
atcaaacacc agactttggc ctcagagaaa aaatgattgt gtgaaactgc ccagctcagg 120
gataaccagg gacattcacc tgtgttcatt ggatgtattg tttccactcg tgtccctaag 180
gagttagaaa ccattttata ctctactctc agtatggatt attaattgat tttaatattc 240
tgtttagggc cactaaggca aaatagcccc aaacaagac tgacaaaaat ctgaaaaact 300
aattgaggat tattaagcta aaacctggga aataggaggc ttaaaattga ctgccaggct 360
gggtgcggtg gctcacacct gtaatcccag cactttggga ggccaagggt agcaagtcac 420
ttgaggtcgg gagttcgaga ccagcctgag caacatggcg aaaccccgct tctactaana 480
atacaaaatc nccgggtgtg gtggcaggca cctgtagtct cagcctccca agtagtttgg 540
```

gattacagat gtttggagcc cctaagccag tttgcaccag ctctcagggt cctcacctgg 600
gtatg 605

<210> 3610
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W81375

<220>
<221> unsure
<222> (1) .. (376)
<223> n = a or c or g or t

<400> 3610
cattcatcca acaaataattt attggatacc aagtatgtgc ttggcntggt accaggcctt 60
agggacacag aagaagaagt atacagcagt gtaaaactgac atttcttaac cactatataa 120
ataaacccca ctttactact aatcgtgaca tttcaacatg ttatacctga taagacatgt 180
aaagagggca cgatttttgag gtatatagct tctttttctc tacaattacc atgtgatata 240
aatctctaaa ccccttcaaa tagctttata aatgaagagc ttccactaat gaaaacctcc 300
caaaattaca gttcagtttt agggagacaa aggaaatgga acttcgggta taaaaaacia 360
aaatgaaact ggggggt 376

<210> 3611
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W81540

<400> 3611
gcaaaataag cgtgttataa aattttatttg tgtaagcatt cagacatttt taggtgggaa 60
agatgatatg cagaatccac tacaagggtgc aacagaaaaat cgtattggaa aggacgggtac 120
atctggcgca gaccagcagt ggcacgattc caaacaaaatg tcagacgaga gcgcttcattg 180
gggagaaaact gaaaattata atttaaagct tcatgaggca agatatgttc caatttaaaa 240
cactaagaaa tagtaccatc gatgaaaaag gaaatcaacc tccagggtga ccaaaagggg 300
cgtagggcaa acggggaaaaa tttgcatttg ttgaggtaca aataaggagt gttctgtaag 360
agaggggcat taattattaa tgacaaaccc 390

<210> 3612
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W81552

<400> 3612
taatctcaaa ggcaattgag tgggtcttct gggccagacc tatttaattt acgaaacata 60
gtaccttgca gagaataggc attgaaatat tatttaaaaca atcaaaccac agatgttctt 120
ctatcttcag ctgtcagtga tctaattgcc tcatctctct tatcctcagg acccagaatg 180
gtatatcca cataaaagat gctttgttta tcaaatgaat caaaaagcac gcctgaggat 240
ttatttttac tcctttactt ctgtaggcca ggtcaagggt ggtctaattc acttttatca 300
tcagcactta agaaactgga tggaagacca caacaccttg ttttttgcaa aaattttcca 360
tctcctcaat caggccagga agcatgtatc ttctggacag gactttat 408

<210> 3613
<211> 370

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W81654

<400> 3613

```
tttttttttt tttttttctg aaatgatctg tctttattat gtcatcagaa aacaaaaaaaa 60
tcccccgagt gtaaacagga gaaatgtgct ggtaaagtta ctcatcatta tcttattatt 120
aacaaaaataa agcactatct atgtttacag tcataaaaaa agaaacagcc tggagagaag 180
tgggggcttt gaggatggag agaagacggg ggcagacaca gactccacat ctggccctgt 240
ggaatttggg gttcccgtac tgatccaagg gctatttaga tcttcagagt taggtgacaa 300
tgggatttga tttccttagg gaacaaactt tgttgaaact gatcagaggc tgagatccag 360
tccctagtat                                     370
```

<210> 3614

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W84447

<400> 3614

```
ttagctttga tacatgcata tatttaataa tgaaacaatt catcaacagc aaaaagaaag 60
tagaaaaatt cgtaagacct cagggctgtg gaagagaatg ggacatcaag gaaaaaagat 120
atatatagca accaaccag aaggctgcat gatgagtga gcaaaggcaa gtttggttaa 180
gatagtatta tatgctctga aaagagaatg gctggatagg taccactta tgtgactgct 240
tactagcagg cagccttact gtatgectca tggaaatggag gcaaaaagcc agggaaaggt 300
gggaggggag aaggaagaga actgtataaa acccagggtg aacaaatgag tggggcagaa 360
ttacagagag aggactctaa agtccttttg tttccttga 399
```

<210> 3615

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85765

<400> 3615

```
ttttaatgta aaaatcaatt tattatacaa caatcataga taatgctttt tatctacaaa 60
gaaaaatggc ttctgcagcc tccctgtcta ctccattcat gatactatgt tcttaagata 120
taattacttt caaaggaaaa caaagcgata tccatatttt ccaaacaagg aagccccag 180
acacatttat gaacgatatg gaaatatttg aaagaactca aatggactcc tagatacaaa 240
aggctgttct gccatcaca gtaaactctg ttttgcctta aaataaaaaat aataaaatat 300
ttctcaaatg caggggtgag gactttaccc cgtaacatgc ctaagtgggt cgatatataa 360
ttttgatggc ttgacaattg ctatgtttta tttccattca gttaacattc ccattttggt 420
a 421
```

<210> 3616

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85847

<220>

<221> unsure

<222> (1) .. (443)

<223> n = a or c or g or t

<400> 3616

```
cataattgta cagacacaaa attgtgtctc actgtactca cgtcgatttt tttagctaca 60
tttgggcatt acggtactaa caatatcaga aacaatatTT tgagtatctt acatagatga 120
aaactttcat atttttcatt taagtTTnga ttcattacta tgggttagat gccgtcgggc 180
tnaggtgctg gagctctctt gttctcaatc tctccttttg tccttattca ccacaatgtt 240
aatttggagc tgagagattc atcactgacc gcattctatta cctttctgct tcaccttggc 300
tcgctttggc aacttcgcct ttggacttct agcatgacag acatagctgc gcttggagat 360
cctcagaggt aactttcttg atggctcaaa atcngagtTC ttgtttcatt ttctgttcta 420
ctatgactta tactttcggtt aan 443
```

<210> 3617

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85875

<220>

<221> unsure

<222> (1) .. (439)

<223> n = a or c or g or t

<400> 3617

```
taggaccaca tttattaata atatacgtta tgagaacaat catttgcagt ctcactgtga 60
aggcaaaaaa aaaaaacaaa aaccaaaacc caaaggataa acagaaatag cacagtccac 120
cgaatacact gcatgggtgtt tataactgta taaccaaact aagtaatctt tccccctctt 180
ttaactttta tgcaccacct gccattctag atactatcaa tcacactaaa taataataaaa 240
aaccaaccac cttcaatctg atcattctgg gcaggaaact ggaatacagt tttgaccaga 300
tcttcgngaa agattcatat acacgaaatt aactnagttc tgttaaaagg ctgctataaa 360
aataccatca ttacngcta tacagaactt tagaatacag ctaagagtgc cgaaatactg 420
aatttcctta attgagggg 439
```

<210> 3618

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85886

<220>

<221> unsure

<222> (1) .. (444)

<223> n = a or c or g or t

<400> 3618

```
cttgactttc caagccagac tgccctgagta tcaactaaac ctagagtgcac tgtacaattt 60
atcatccaaa gtaggacact tcttagcatg aaaagggcac taaacataat taacgtaagt 120
ataatccagg cccgtctgag caaaccaaga tttatgtcct tctttcagct cgttcctgcc 180
tatcacctag agggcttgac ttctctctgc tcctcttggc attcatactc agcaaagccg 240
atggatattt cagttcaatc ttcaggctct tttgcagtga gtgcctctgg agcatgtgac 300
ctaactgagc agacttttgt gccgcctact gtgtgctgtg cagccctcct cagatcccat 360
tccgtctccc tcttcttaca ccacttcctt gaacctacac tanttgactt tttcagctgt 420
tcaatttttg tctgtcctgg actc 444
```

<210> 3619

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85888

<220>

<221> unsure

<222> (1)..(439)

<223> n = a o r c o r g o r t

<400> 3619

```
ttttatcttt  tggctttcag  gtggaatttt  agaaaatacc  tggcaagtga  atagttctga  60
aagtgtcttc  tcttaagttc  tttggtataa  tttggtcatt  ttgatagtaa  tcaaccatt  120
aagtaggtac  tttaacaccc  tcatatcaat  taaaatggaa  tgtggagtac  agatatttag  180
aaaacatga  ctgaggaata  aattatat  ttgacctcat  ggaaaacaga  actctaaaat  240
tttacttatg  tttctgtggc  aaagatagcc  atactgccta  tgaagacatc  tctaacttta  300
tattaaagaa  atgttctata  aaacatctct  ttctgattat  tagaagtaac  tgttctatat  360
acttttttaa  agtagaagag  gcaagtttca  acttgaaaaa  agaataattt  tgaatttcac  420
aaattatacn  ccttcntgc                                     439
```

<210> 3620

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W85890

<400> 3620

```
ttttaataca  ccattgtcaa  tctaataattt  tttggaaagg  tgcttttatg  ttatgtattt  60
gaaatatata  tacacacata  catatatgta  tacatatata  tatatacatt  tttgggtttt  120
tttgtttggt  tgttttggtt  tttgagacag  ggtctttggt  gccaggctg  gaatgcagtg  180
gtgtgatctc  tgetcactgc  agcctggagc  tcccaggctc  aagccatcgc  ctcagtccca  240
caaatagctg  aggaggagaa  tggcttgaac  ccaggagggtg  gaggttgtag  tgagccgaga  300
ttgcaccact  gtactcgagc  ctgggcaaca  gagcaagact  ccatctaaaa  aaaaaaaaaa  360
agataagaaa  tgatgaggtg  cttgagtttg  tgtgctggat  gaaataaggc  aactgccat  420
taacatgttt                                     430
```

<210> 3621

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86075

<400> 3621

```
gatttgaagg  gattgcttta  tttaacgtga  aaagcgtgat  agaggaactg  ttttaagataa  60
acaacttata  aatactccca  attgtagaag  tgaaagattg  attctatgaa  aatctacaag  120
tgattaaatt  tagacatcga  atatcaaaga  ctttatagag  tcatagcatc  ttatcaaaga  180
tcatttagca  gaagttagtc  ttagtctgta  ggtagaagc  aatgattagt  gagacagatt  240
ggtttggtgg  atgactcagg  ataggatgat  tatcagtaaa  aaccttccca  ggtaaaaatt  300
acaagaaaaa  gaataagagg  atagttgcaa  aagattttat  ggaatttag  ttttaaccact  360
aagcataaaa  tagtactgct  ctgggttggt  aaaaaa                                     395
```

<210> 3622

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86214

<400> 3622

```
caaatccatt tggaaacacat ttatttcttgg gatagtttgg acaatcacaa ggcaattcta 60
aggaagactc ccacgacact gcctaagacc aagatttggg aaaattgatt ccactgatca 120
ctgaaaaatt tcttgcccag taactcgtcg gtggacttta tccaagaact gggggttcaa 180
ttagtaggcc aaactccaca cctcttacag taagatacat aaaagataaa ttaggtcccc 240
taggcgcaag gtcaggtgac acttcggtga ctgcagaagg ggcgattcct agagatatgc 300
ttcaaagcaa gtgggactta gagataagca gagccgagag gtgggatacg gctgctcgag 360
agggatctac ccacaagata agccacctcc cgccagcccc caaggtttgc tattcga 417
```

<210> 3623

<211> 381

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86375

<400> 3623

```
ggttgaaaag agctttttat tactaaaaaa cccacaaggt gctgtcttac tcatttccag 60
ttaatcattt ctaaagagaa aatttacatt ttgtttttgt tttaatgttg gtcataaatt 120
tatacagttg ttttttcgat agaggtaaga attagactcg atgcattttt gttagaattg 180
ctgttttaaat gttaacatca gaatgcaaat taaatataaa ttgctttaac ctttgttaca 240
ggtatactgg actttctgaa aggaaaacca ggtctcatta atgctagtta ttactttatc 300
acagcaccag atttccattt tatttatggt tcctctctgg gacaccactg tcggtttaat 360
aaaacaataa ataattcatt g 381
```

<210> 3624

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86431

<220>

<221> unsure

<222> (1) .. (434)

<223> n = a or c or g or t

<400> 3624

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ttgcaggttt gggcccaagg gcttnacctt taaagaagat gtaattcacc atgatcacga 60
ccgcattgct atcgaggttc ttaagcaagt ccacaatctt gcccttctgt tgctttgccca 120
cataatcatt gatctgcttc atggcccctg cagagtcctt aaagttggtg gggaaagtgt 180
ctgccaggta cagcgtcttc atggcactta cgaagggtgc ctgcaggtct accaccaggt 240
cggtgaaaag ggcattgccg acggctcaag ctggaagcca atctctgggc tgggtgagtt 300
cctgaaggan gctgctgaaa gcctctgtgc agctccttct ctgagctttt ctggaggttg 360
aggcccaggc cctccaggat ctgcatcttt gtgctggaac ccagcccccga gggagaagac 420
atggccaagg ctca 434
```

<210> 3625

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W86600

<400> 3625

```
ttatacttaa taattttatt acatgtacac acaaaatcat agcaaaatat gatatatattt 60
```

```

ataggatttt tttgtctttt catgatgcca tcgaatatatt gcaaatgcct aaatggaacc 120
ctttcttcat tctccacaca agtccaaaaa cacaacacaca cagcacaca catacaccta 180
tacacatgca tccttttaac caaaggtaat actcactggt gttaaaacta acagctctac 240
tggaacaatgg cttcatggac atttttagagg cagtcttaag tctgctgtgg gcacaggcat 300
gtcggatatg atttcctgc ag 322

```

```

<210> 3626
<211> 380
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W86748

```

```

<400> 3626
ctcaacaaaa tgttttgaat ttattataat cgtgcttctc tacaactaat gattcttgtg 60
gtttgcaaac catgtctgcc tttatttacc tacacaaaca cggaacagaa tttccaatag 120
gagaggttca cacagctaac aaagcataga gtgtgtgacc tcaataaggc attcaacaaa 180
gacacacgcc gtatttccct ctgactgcgt tcccttagga tgctctgatg ttggcgctgc 240
attcttctaa aagtagaatc aaatcttcaa tcaggctgtg ttctctgcca tgtgtcactc 300
tcataatata aaaagccagt ctcagattct tcattgcttg gggaaacatg ccttgatgta 360
gctgcagttt ggccaacttt 380

```

```

<210> 3627
<211> 458
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W86756

```

```

<400> 3627
acctttccag atgcttttaga cattttctct tatctttact ctctttatgg atctgtcatc 60
ctctctaaag tattagctat gcgtcccagc taaggcattg ctaaggattg ggaacggcta 120
aagctgtctg ctccaaagca tcttaaaaata gatgcattct ctgccttgag atattcattc 180
gaaccgggat ttcaccaaag gagggctcct atgtacttgc ttacacgaag caaatattata 240
ggaaaacagg ggaacgtct tgattaaaaa taaacacaaa acactggtta ccgctccgcc 300
tttctggttg ggcgtggtg tgcggtctc tccacacgcg tctctctgta cagcacatac 360
atgttttacac cacacacctg cgtggacgag caccagatca cgcacccag ctccacgaca 420
gggacaccag ccgactacct acaggctgca cattccgg 458

```

```

<210> 3628
<211> 414
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. W86850

```

```

<220>
<221> unsure
<222> (1)..(414)
<223> n = a or c or g or t

```

```

<400> 3628
cgcaacagga tccggtttat tctgcttgn atcgtcggtc ctcgagagtg gtgggtgcc 60
cctgtccnnn gcggananag ggcccgangc atctctaang caatgnggga naagcaggg 120
gctgcagctc gngaatgcgg tgaagccagg ccgaggccgg agcagctgtg gtaggccang 180
gcaggggtgga aggcaccgga ctgggaccgg nccagggcta cagggccgag gaccaggcc 240
acacggggcac cccggggangc gggggcacagg gtcacgtgac acagaacatg aaacacaggc 300
acaggggttca cagtaagcac attggacaag tggggcacagg gtcataggcc agatgcacat 360

```

ccagccatgg tgggccagac actgggacac agtgggtggtg tcacacanag acca 414 .

<210> 3629

<211> 630

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W87454

<220>

<221> unsure

<222> (1)..(630)

<223> n = a or c or g or t

<400> 3629

```
gaagcagtat tattttttatt atccaaggca agaccagtaa aacacaaagc cccttaaaca 60
ttattttctgc agaattccaa gaacacagga gaaactagta aattgtatag gattaataaa 120
gaatatggat tgacagaaga acaatcataa aacattcata ttggcattct tggcaggcac 180
agctctactc catggccatg tggattatca gaggtctcga gttccactct ctgacaggaa 240
tcaggctaga ttatggtaat aaggaggcct gaaggtctta tcagcaaccc cccatcgagg 300
tgggaagatg acaaaatcag caatggccac tccagggcgg acagacttag cagtcaatac 360
tgtgaaaatg ggatgggtct gcatgggtca aaggcccact gagttggata accatggaaa 420
ttcctcaggg ttggtacctg gtaggggtgg tataattccc cgtgccaggg ccacaacatt 480
ggacgggggg aagacatccn ggtttgggca agccaacagc ttgcccctgg gtatttatta 540
atgaccgngg gtaccncctt gggacctggg ggatcccca naccaggga tngggtatcc 600
aggaatcccg gggnttggca gcctntgggc 630
```

<210> 3630

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W87480

<400> 3630

```
cggttgattt ggttaattgc ataaaatggg ataaatactc acatacatca tctgtttaac 60
aaaactccta ggtacatcag aatgcaaaat ataaaatgcc caagagactc tgatcagcag 120
gcatatcaaa ttgcagttag gcctgtgtca gcttggttcc ttcccacttc ttcagtattc 180
ctatgaggag ttctttctct cctactggag cctggacctt tgacataatg gaaaagaacc 240
taagaaggca aggcattctg ataaaacgag acttcagcct ttacatgcga cattttattt 300
ttaatctaaa aggatcaaca ggtcttgggt cagccttagg aagggaagca tcactcaggt 360
aaaagtatct ggaggaactt taaac 385
```

<210> 3631

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W87532

<400> 3631

```
accaccaaaa tgccagaatt tattcaccaa gtgagcatcg ggtaacatcc atggatgaga 60
gtttaaacat ctcttggttg ctatggaggg tccaagaaga aaacaaaatc cattagtata 120
aagggtttgta tttgctgtga cctctattgt cttgagagac agagtagaca gaagaaataa 180
caaagtgtgaa gtcctggaat atagatgagc ttgtgatgaa agacggaaca gagtgaacgg 240
tcagagctgt tggaggaaga aagcaggaag ggcaataaag gtccaagtgg tagccagagc 300
ctcgggttat tctagatgag aaggagatg gtggagtctt ttaagcagga gagaaacatg 360
ttctgagtta cattttttta aaatgtaa 388
```

<210> 3632
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W87606

<400> 3632
gactgacaga ttatcttatt ttattattta acgtatctca tgttttcttt taaggctctct 60
attgagataa agagttccag ggaaagaaag gtcacagtgc tcggtaaaca acccagcaaa 120
cggcggtctt gctgctcgcg tcgggccaaag ctgggtggtct ggggctgtga cggcctctca 180
gtgtgtgatg aagtttcagc gccctccaca gtggcagtgc agcttggaat cccgcttccg 240
gttgtgttgt tcattctggc tagctgagtt tcagttagtt catgatctgt ttaaaccaga 300
gtgagtacct ggagaccttg gttgacaagg accat 335

<210> 3633
<211> 553
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W87781

<220>
<221> unsure
<222> (1) .. (544)
<223> n = a or c or g or t

<400> 3633
agtttttaag aattatttta atacactttt cctgcgaaac tcaattcaag gcagcttcaa 60
ggtaaaaaatg cttatatttg gcatctgtcc ttgtattttt aggcaccttg atgcattcac 120
actcactacg ctcacaccca gaagaccccc aagaaatccg cttctttgtg cagataaagg 180
aaatgcaaac tggtcattct ggaaaccagg gtcaattcta gatttctana agcctggctg 240
tgggcctcaa ggccttnca tgaaagcaag ggcctcagat tgaccctttc caagcatccc 300
ctaccaggag gggaagggca cagattctca agggaccgtg gtgcatgcag gtaaaccgna 360
acctctaggc tggcacgtgg caccactngc cctgggagac aagccatccc cgtctctctg 420
tctggatggc ctgggttcaat gcagtgtaga tcatnggatg gtgatnttct ctcantgata 480
ttcgggggga tacaatttta aaatgttatc caagtatcnt gatgggaaat aagganggga 540
ggttacagaa aaa 553

<210> 3634
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W87824

<400> 3634
aattaccagt tgattctgat ttgtgaagac ctttgcagac tgcagcgggc ttggcaatgt 60
ctttccgctc tgtctccttg aattgggtgt ctgggatgac ggacttcgtg gagatggatt 120
ctcagccttc cgtttggctg ccatggcaac aaccagtttt tattctcttg ggaactattc 180
tctttgccta ccatttcaga cccttctcca caaggctctca aaggaagagg tagcgttcca 240
cagctttctg aagcatacgg actgatagga gacggaggct ctgagatact ggtaccagct 300
ccttcaattt tgcttgattt ggtaggacct agagagtcct tactaa 346

<210> 3635
<211> 265
<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W88568

<400> 3635

```
gttttttaac attttaattt caacgtgcc a gcatttgtcc aaatgagatg atacaggcta 60
gaatgcacgg cggaattcca gactggactc actccataag ccaactcatc actgcccgtg 120
aacatgaatt ctggctctca gagaagctga cattgtttcc ctgaacattc ccgtgggtctc 180
cctctgaaag ccgatgacca tccaacctg actcacctga aatatcctac gagcatcgcc 240
ctccgagact gacgattatt aacca                                     265
```

<210> 3636

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W88946

<220>

<221> unsure

<222> (1)..(415)

<223> n = a or c or g or t

<400> 3636

```
gctgattaca atttattatt tcttttcac caccatccac tcctcaaatt atacgccctg 60
acctgccc aa cactgtctta tgttcaggat tggcatcaca gaggtacaca gttccactgg 120
ttccagcttc tgggaatcgg gaacatcggt gcagtgtgta actcattttt tgcatagctt 180
cattgctgta gtctacatga gaatagacag gaaacccaag tttgcccaat ttctgggcgt 240
gggaatagat gacatacgtc acaaggccat ggagccggtt attccngaac ggtgcctgcc 300
attctcatct ctccagctctg gtccattaga tcccagcaca caggggtccc ctccaggcccc 360
aggagacagc aggtgggaaa ggtctgaatg cagcgctcaa tgaatctctg gctcc      415
```

<210> 3637

<211> 433

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W88985

<400> 3637

```
ttttaaggta agaaagtttc tgcttttatt gaaaatttat atatgactca gtattgtaat 60
aaataaacat aaccattttc acaaaaaatg acagtgtctat gctaaagaag aaaatattaa 120
atgggggatt tacttgtagt ggcaagacag actttttatc aatacagaat aaatattaac 180
agcatttcgtg agccaatgtt gagacccaac aaaatgtagg aatcaagcat gatgtaagaa 240
ataattatcc agagaaaaag atgggtgtatt ctccggtgat aagactgtct ttgtaaactg 300
gtgcatatca attagtccca tcttcacagc tcaccttcaa accacagggc ttgtttctgg 360
ctatgttaaa ggaccatcct ctgaggaaaag cagaggagag gaactccatt atccttacag 420
tgaaacgcaa ccg                                     433
```

<210> 3638

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W89178

<220>

<221> unsure
 <222> (1)..(367)
 <223> n = a or c or g or t

<400> 3638
 gagactccat agggctcggc gtgggatgct ggggaangcct gatgatgcaa ctggagggaa 60
 ctgggtttga ttgaaggaag ggaagccagg tgtgtagggg tctccagttc ccaggtgcac 120
 atgtccatac actgcctgct gntnggacag gcttggcttg ggtgggtcct gggagaagtc 180
 cgctggctct gggatatga gcactccttg agccccgaag tcctgagcat tggtcacett 240
 ctgggcgaac tgattcacc ccaacgcgcac cagcagcagg cggccactg gatccacgcc 300
 cctggcccg c agtctgcag gtcttcnggg ccgcccgtag tgggggtaac accagctctc 360
 ccgttga 367

<210> 3639
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W90018

<220>
 <221> unsure
 <222> (1)..(413)
 <223> n = a or c or g or t

<400> 3639
 ataggctttg tttattaaaa tctttttaa ac attctaaact tcttgtgtaa tttatcatat 60
 ttaattttct atttttagcac ttcaaactat tgatatgaca agattataac caattaagac 120
 aaaacattct catatattta agcatctctt gtaaactctaa tacattaaac ttatagtaaa 180
 tctagtctaa tacttttcat gagctaagtt aaatattctt atacctttca acttcaaate 240
 acaaaccgta aaatcaattt cacatttcaa attggaatca taagcttttt aaagattcaa 300
 atcacttaag gagcatacac aagattaagt cctaaactta acatggaaat tatcaatatt 360
 atggatttng aattattgca ttatttccat aatgaattct acacattccc agagttggaa 420
 aa 422

<210> 3640
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W90128

<220>
 <221> unsure
 <222> (1)..(413)
 <223> n = a or c or g or t

<400> 3640
 gagacaggct tctctgctat cctccaggca gtgtaaatagt caaggaaaag ggcaacagta 60
 ttggatcatt ccttagacac taatcagctg gggaaagagt tcattggcaa aagtgtcctc 120
 ccaagaatcg gtttacacca agcagagagg acatgtcact gaatggggaa agggaaaccc 180
 cgtatccaca gtcactgtaa gcatccagta ggcaggaaga tggctttggg cagtggctgg 240
 atgaaagcag atttgagata cccagctccg gaacgaggtc atcttctaca ggttcttctc 300
 tcaactgagac aatgaattca gggatgatcat tctctgaggg gctngagagg tgcttctcgc 360
 attttcacta ccacattaag cttggctctc tgtctcagag ggtatctcta agn 413

<210> 3641
 <211> 304
 <212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90146

<220>

<221> unsure

<222> (1) .. (304)

<223> n = a or c or g or t

<400> 3641

```
cacttatagc caatatttaa taatcccata ttaactgatg tgtaaaaaat gtctttatga 60
tctgttacca cccaaaagaa tgcatacata ctttcaagan tatgttcttt gacttctaac 120
ctctgctctt ctttagaatt acctttgctg cggccagtag atgctccttg ttaatgactc 180
tacatttact cgcacaagcg tttgtcctgg actcttctgc taatcgatga acaaacagta 240
aacagttcag atggaccaat aagtcaccac ttttctccag accgaagttg gagggcttct 300
ttcc 304
```

<210> 3642

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90396

<400> 3642

```
aatcaaagta aatttatttc tgaattacat aaggatcatg aaacagaaac attaaactctc 60
atgttataaa aacagtagta aaatacagta cacaggaatg tcaattgaat gacaacaatg 120
aaagtacaat agcaaatgaa aaatagtaac ttttaacttt aaatacaaag tgaagcaatt 180
taatatgaaa ttttggttaat aagaaaaata tatgtcccat gtctttatta catactgtac 240
aaaataaaat attgcacctt tcatataata aatatataca aagagtatgt taaaaatcga 300
tctttctttt aatttaataa ccttcaacaa tcagatgtga ttggatgatt aacaactaat 360
cgggctgggt gtgtcctcct cactgtcccc catccattcc caatcaccaa accctccaca 420
tacagtagtg ctca 434
```

<210> 3643

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90455

<220>

<221> unsure

<222> (1) .. (410)

<223> n = a or c or g or t

<400> 3643

```
ccaatacaac tttattttatc aacatggaaa tttacgtttt atataatttt tacatgttat 60
gaaataatat tcttttgtgc ttctttatga actatttaaa tataatgcca ttctggccgg 120
gcgcagtggt aagagatacc aagtccagca tcttcagaca ggcagaaggc cctgccttcc 180
actcggtgat ggtgtcaggg actgttactc ctacctcagc cacacctgct gaatttacca 240
ccaccaaadc ccagatccat gtctcaggga agtactttcg tacggctctc gtgtgaggct 300
cttcaacatg gcaccaggcg tgcattgggc tctncccc ttaacatctg gactcnataa 360
aaaccttaca ccgtagaccn ttagnnccca tggcatttcn taatggtgaa 410
```

<210> 3644

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90560

<400> 3644

```
acagaagttt atctttatct tctactgggt agaatttcta gaagcttctt taaaaattgt 60
ggtttccttg gccttaaaga gtgataataa cttttccctc agcataattc tgccccaccc 120
taaaacagca ctgtgtcttg tgcttcttgt ttgtcccagt ggcagcacct aggattaggt 180
ttcttcagtc ttctttgtca tcccagcagt ggaatcaaatt ttctttcagt gaaacatgta 240
aacgtaagac ctgtgcatgt cttatgggag aaaatgtttc caggatgaac tcaactcagag 300
gaggagacag catttacagt ggcgccagac aggcttgcag cttctacttg g 351
```

<210> 3645

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90583

<220>

<221> unsure

<222> (1)..(478)

<223> n = a or c or g or t

<400> 3645

```
tccattgcct cagttttaaa tatttatctt aaatccagag gggaaaagga gaaacggaac 60
ccattggggt ttaatacac tgacatgtgg acagagacgt aaacgaagac agcaggaaaa 120
cccaagaatg agacagaggc cagtggattc tnggcagcag gagggatccg agcgctgaga 180
tgaggccccg gctgctacaa acacgcactt ccacgcagag ntccacggct ggggcggcag 240
ggcgacggat acagaagtgt tggnnncggg ggacgggcca aagtnaggta tnnnataata 300
aaaatcaaatt ccaattccca aagagacaca actttaggag agaaatacac aaatagagac 360
tttcacatac attttccctt tctataaaaa taattccagg gttaaaataa cctcaaaatc 420
caattcaagc ggcngacttt gttcgctgat ggtagcaciaa ttcaggngac gcttgaag 478
```

<210> 3646

<211> 464

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W90766

<400> 3646

```
gtaatttttt ttaataaata aaagcacatt aacaaaaaag gaaggtaagc agcaccggaa 60
gcctttgacg tttgtaacta aatgctggta ctcaaattgg ttagctgggt aagtttctact 120
aggaggcgca aaaaaggagc cgtttttgac ttaacatttt aattctagta gagataagaa 180
gagcttgtgt gggcttacag tccttcacct gactgtcctt caccagttag tagcatacca 240
gttcttcaaa tgtcctatac tttggaaagc agaccgcact ctggagcact cgccttaatt 300
agattctgaa tttccttgaa ttttgggatg gtccttatca gctaccagct gaagcagaac 360
agcctcactc gtggtcacta tgatcccggg tcgagcgaga cgctcagggg caaacatcct 420
gtccatcatg cttcttgatg aggtggcatc agcaacaatg tgat 464
```

<210> 3647

<211> 171

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W92148

<400> 3647
 ttcttgacat ctgtggttgt ttattttaaaa gaacagacaa tattttaaaat gaaagacaaa 60
 ctgagagggtt caaatgcatc caataacttg aagcagcagt gacatatata tccaaagatg 120
 attgtagcta tttaaagcca tatcttggtt ttctaggcaa aagtacaaca t 171

<210> 3648
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W92207

<220>
 <221> unsure
 <222> (1)..(395)
 <223> n = a or c or g or t

<400> 3648
 gtgttccaat aaaactttat ttacacacat tgaaacctga atttcataca attttcacgt 60
 taccaaattt taattttttt tcaactattt aaaaatgtta aaaccattct tagctcacag 120
 gctatgcgaa anagancaac cagccagatt cggcccacgg tttaaggcca gtttaagcct 180
 caccaccttc ctagccccac tcacctattt tgtcctctca tcttcctgtc cttcagcacc 240
 cccatgacct tcctgtgacc ttcaatggcc cctccagctg ccgtccagcc ctgtctgtct 300
 gcccttnggg gaccctctcc tcctgggctg caggactgtt ttttcctgga gcagggtctct 360
 aaatagctcc attcgcttg gcagggggaa tccag 395

<210> 3649
 <211> 241
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W92449

<400> 3649
 ttttttagat tcattttttt aatgacatcc taaaattcag aggagggggc agcgggacct 60
 ctgggctcag cggctgtgaa ggaggggacc gcaacacccg ctaaggcagg taattgcaag 120
 aaggcactcg cgagggggac ttcaagcccc tcttctattt cttcatataa aatcaggggg 180
 atgggggaaag ctccaagggc gagggaagca gagagtttct ctcccagcct atggaataag 240
 g 241

<210> 3650
 <211> 118
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. W92608

<400> 3650
 gagaaaaatct agagacatga gggacataaa tgggcctggc agcctcggtc tttgcggtctg 60
 ctggcaggac tgagctgtcc gggttctccc cacacttcca gcacagctgt gtcattgtg 118

<210> 3651
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>

<223> Genbank Accession No. W92713

<220>

<221> unsure

<222> (1) .. (375)

<223> n = a or c or g or t

<400> 3651

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gangaaaaaa aatgacaatg tgcttttatt ttttttcttg ttataaaaaa acaacattgg 60
taaactcgttt tcattaaata gacctttgtg attttactga ttacatgag tggcactaaa 120
ttacatgatt tataaggcctt gacacaggaa ggatacactg aggtatatcg gtaagaaaag 180
ggatatgaat actagagaaa tggttaaattg ataactaagg cacactttcg gatgtgaatc 240
ataaatctac cactgtggct acgaacagcc tatatgtaca tggattttctg aaagacatga 300
tcagttcgct gggtaaaagt aggagacggg cctggggcctt tctgccagtt cccctgggta 360
cttgcccaca ccact                                     375
```

<210> 3652

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W92771

<220>

<221> unsure

<222> (1) .. (324)

<223> n = a or c or g or t

<400> 3652

```
ccccatcggt aataactaaaa gtttctattc taagtcttct atccaccact aatttaagac 60
aactctgctg gcttgcggtta tttcatacta gtttatttag gagttccatt ttcactcctc 120
aatagatttt atgtatttct catatgcttc ttcactcata agttcatcta gttctgaagg 180
gttactcagt gtcactcttga tcagccaacc atcttcataa caagatttgt ttacaagtcc 240
tggattttct gcaagagctt cattaatttc agttacttct cctggtaaaag ggggggaaata 300
gaggttcact angcaggntt ttca                                     324
```

<210> 3653

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W93726

<220>

<221> unsure

<222> (1) .. (479)

<223> n = a or c or g or t

<400> 3653

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tgtagttaa taatatttta ttgtcaatag cataggagaa attcaatatt gaatctcaga 60
acaagaagaa cctattttaca atgcatgtca aggaagagat gggagaagga atgtcacaaa 120
attttttggt aaatacatat tttttataga gaagtaatcc atgaacctgc aacatggata 180
gcttatccaa ccaactttac aaattactat taatataagt tacatgcttg ccatctaaag 240
taactaaacc catagactga aaaactatgt gtcaaggtaa cgtgagcact ttaatcactt 300
tacttatatt ttctaaaggc agtagtttcc tctccttttc ccgctatcca tattaggatg 360
aagagacaag ttcctttcca acaccaaatt ctggatatcg ggctattggt ggaggaatcc 420
ctgggtggcga gtcagctaga agcccctggc caccaggnnc caggtggcca acccaatgg 479
```

<210> 3654

<211> 562
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W93943

<220>
<221> unsure
<222> (1)..(562)
<223> n = a or c or g or t

<400> 3654
tagaagaaaa gagaagttac tttattacaa tttgttatct catcccgagg tcagggcccc 60
ttgcttagtg ggaaaaaaaa ccctttagga ctgagtcctg gaacagcacc tgtcctaaac 120
ccaacttctc tgtgatgccc ggatttcttg attttgatcc agtagctgct cattttcctg 180
ccttttacat ttaggagatt caagctctgt catttcctct agctgcccct gaagtccgctc 240
cttcctgcag ggcccaactc cacgtagagt gagtgcagcc acacagcagt aaccagatag 300
agcagcctcc cctgcagaca tgagcaaaga agggatccag agagccaagg ctgtatcata 360
gattcttggtg ggggtcaaagg ggcagtcagt atgtcccggc ccctcatcca gtggtaccag 420
aggatccagc agtcctgggg tggcagtcag caataaggcg gcggccaccg ttggggccaca 480
gtgagtgaca cagcaagaag gaggcccagg gagcaggcna cggacaagag caggntcacc 540
agagctagtg ccagcaggac cc 562

<210> 3655
<211> 468
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W94281

<400> 3655
tttttttttt tttttttttt tttttttttt ttcagaagta aaagattttt attgtttctat 60
agacacttct gaaaagagat ctaattgaga aaatatacaa agcattttaag agtttcatcc 120
ccagagactg actgaaggcg ttacagccct cctctccaag gctcagggct gagaacgggt 180
agcatatcga atgatacagta aaaacatgca aaagtgaaga ggaaagggaa aaaggtgcat 240
tcccctaagc tgagggggat ggaatttcag aacagaggag gcaggggtga caagtaccag 300
gtggctctcc ctttccctct gtgttatctt tcaaaacagt tccaagcttg gagaaagcaa 360
tgagctccac ctactcagca gaaccacgg ctcgtccccc gtggacgtga ctgagcagtg 420
accttgccctg ccccgttcct cagccgctcc cctcgtgccc gaattctt 468

<210> 3656
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W94427

<400> 3656
cactaggaaa caaaggatat tttattcctt ttttctgttg ttgttgagga tagatcacga 60
tacagagaac agcaatgggt cacagcgcac ggtttggttg gtttccgcgg gaacacagag 120
gacaggaggg gcgggatctg ggttgagttc ccactctcgt tatgaccttc aacctctcac 180
tgttcccaag ggctgcacgg agcctgctga gtctccaacc cacctcgctc accgctctga 240
ccaccgacag cacgagaaac ggatgcggga gttgcctctg ctgcccattc aaggggacgt 300
aggcagagaa gcaaaggcct ctgctctccc tccatccatc ccggtgtgct ggccccaacg 360
gaacaggagt ccttcaacta ttgcctgcca gagaccaat tgcagg 406

<210> 3657
<211> 506

<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W94885

<220>
<221> unsure
<222> (1)..(506)
<223> n = a or c or g or t

<400> 3657
tggccaaatg tcccacgttt atttacatat gaaatgtgtt tcatacagtt atgatggatg 60
gagtgcataa cacctgacag cagcaagacc ttttgaggaa ccgaacattg actacagtat 120
atcatgcaag tatctatata tacacaaaag aattcctttt cttaaaaaaaa aaaaaaaaaa 180
aggtacaaaa catgttcagg gataaaatata agatacaaaa tgcaaaaagaa aacacaaaac 240
aaaacaaaaa aatagaactc tctcagagaa ctataaacgg aaggacaga agagtacctc 300
tgctgcattt taataaaagca gaactaccga cgtaaataat acttcttggg aatggctgaa 360
ctaaacccgg gtggctcagt gcttaaggta acggccaatt ggcaatacac aggcggctgc 420
attgataagt cggtgggttt gaagtgtgtc atcccggact ctaagtacca taacgttttg 480
gcagtagcac ccngaacagg aacgcc 506

<210> 3658
<211> 174
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W94942

<400> 3658
gtattatatt tttattgttg gcttaaaaaa attacttctt taacctcctt aatttgtcag 60
tttgtgggag gtgaatctca atggcatcaa aagttatagt cttcttacac ttgttaaaaa 120
taaagtgttt aaacaagttt gtttccattc acaaacttac tcccaactac aaaa 174

<210> 3659
<211> 497
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. W95041

<220>
<221> unsure
<222> (1)..(497)
<223> n = a or c or g or t

<400> 3659
cgttggcaaa atatatttta tttgttcata caaagaaata gtatgaatta ccagaatttc 60
acttgccatg aaacatcttt ctctgtgtaa aattaatttg tgttatacat aggacaaaat 120
acttgattta attttttgta catattcggc tctcctaaca tccaagttat cgaagacata 180
ctgctagaat ttgcacagta ttttagatta cttgggtgaa tgagactcag tgataaatta 240
atgtcacaaa agtgagaaaa catctaacca cactttaag ttttattggc catcctcttg 300
ataagctgaa aagtcacatt agcttctgtg tcagcatctt agatacgtac tgtttctagt 360
ttattggaat cttccatttt ccttttttac aaaaatatcc tgggcaggat ctgaaactgg 420
tttctccaaa tgtctaaaat atatctgtca caccaaata ccccaaaaga gaatccnggg 480
gaagaaaaca atttctc 497

<210> 3660
<211> 327

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. W95348

<400> 3660

```
ctggaaggaa cggatgggccc tctagtgaca gatccagaga cacacaagag caccaaagca 60
gtcctatccca ctgatgacac cagcagcgtc tctgagagac catccccaag cacagacgtc 120
cagacagacc cccagaccct caagccatct ggttttcatg aggatgaccc cttcttctat 180
gatgaacaca cctccggaa acgggggctg ttggtcgcag ctgtgctgtt catcacaggc 240
atcatcatcc tcaccagtgg caagtgcagg cagctgtccc ggttatgccg gaatcattgc 300
agggtgagtcc atcagaaaca gggagct                                     327
```

<210> 3661

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W95477

<400> 3661

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cctataaat cttttactta aaagtcatat aaaagaataa aaaatgcaga tttctgaatc 60
aactgtagat aaggaagcaa atgatgttga aagggtgccc ttaattttaa atttcatcat 120
aggaatttgg gtgacctttt gcactcagta ttaaaaaaaaa ccatcaagtt gctcttttga 180
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<211> 478

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. W95795

<400> 3662

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<211> 436

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. W95841

<400> 3663

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<211> 882

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X00129

<400> 3664

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<210> 3665

<211> 1761

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X00351

<400> 3665

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<210> 3666

<211> 2209

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X01038

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2209

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<211> 558

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X01388

<400> 3667

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<211> 5180

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X02160

<400> 3668

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<211> 2026

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X02176

<400> 3669

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<211> 1843

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X02750

<400> 3670

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1683

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<210> 3671

<211> 1582

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X03168

<400> 3671

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<211> 505

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X03342

<400> 3672

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<211> 2532

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X03350

<400> 3673

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<211> 1553

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X03453

<400> 3674

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<211> 632

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X04085

<400> 3675

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<213> Homo sapiens

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<220>
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<212> DNA
<213> Homo sapiens

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<220>
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<223> Genbank Accession No. X04729

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<223> Genbank Accession No. X04828

<400> 3680

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X05409

<400> 3681

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<211> 543

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X06617

<400> 3684

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<220>
<223> Genbank Accession No. X06700

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<223> n = a or c or g or t

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 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. X06985

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 <211> 3089
 <212> DNA
 <213> Homo sapiens

<220>
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<210> 3688

<211> 1449

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X07618

<400> 3688

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<211> 1270

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X07619

<400> 3689

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<211> 2363

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X07732

<400> 3690

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<223> Genbank Accession No. X15940

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X16260

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X16323

<400> 3708

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<213> Homo sapiens

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<220>
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<211> 144
<212> DNA
<213> Homo sapiens

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<220>
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<210> 3705
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<211> 3810

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X16349

<400> 3709

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<211> 5527

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X16416

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<223> Genbank Accession No. X52541

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<223> Genbank Accession No. X52851

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<212> DNA

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<400> 3746

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Age octic	0.0000	0.0000	0.0000	0.0000
Age nonic	0.0000	0.0000	0.0000	0.0000
Age decic	0.0000	0.0000	0.0000	0.0000
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<210> 3756

<212> DNA

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<400> 3756

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<211> 645

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X63417

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<210> 3758

<211> 698

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X63527

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<210> 3759

<211> 3171

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X63629

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<210> 3760

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X64177

<400> 3760

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<211> 1638

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X64364

<400> 3761

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X64877

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<211> 439

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<213> Homo sapiens

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<212> DNA

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<212> DNA

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. X68277

<400> 3774

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Time (min)	Temperature (°C)	Pressure (mm Hg)	Flow Rate (ml/min)	Detector Response
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1.0	100	1.0	0.5	0.0
1.5	100	1.0	0.5	0.0
2.0	100	1.0	0.5	0.0
2.5	100	1.0	0.5	0.0
3.0	100	1.0	0.5	0.0
3.5	100	1.0	0.5	0.0
4.0	100	1.0	0.5	0.0
4.5	100	1.0	0.5	0.0
5.0	100	1.0	0.5	0.0
5.5	100	1.0	0.5	0.0
6.0	100	1.0	0.5	0.0
6.5	100	1.0	0.5	0.0
7.0	100	1.0	0.5	0.0
7.5	100	1.0	0.5	0.0
8.0	100	1.0	0.5	0.0
8.5	100	1.0	0.5	0.0
9.0	100	1.0	0.5	0.0
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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X70040

<400> 3785

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<212> DNA

<213> Homo sapiens

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<400> 3787

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<211> 1752

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X74929

<400> 3789

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<212> DNA

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<211> 2232

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. X76105

<400> 3791

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<212> DNA

<213> Homo sapiens

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<211> 2225

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X95190

<400> 3829

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<210> 3830

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X95384

<400> 3830

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<210> 3831

<211> 1059

<212> DNA
<213> Homo sapiens

<220>

<223> Genbank Accession No. X95404

<400> 3831

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<210> 3832

<211> 1936

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X95715

<400> 3832

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1936

<210> 3833

<211> 1670

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X95876

<400> 3833

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1670

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<211> 1877

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X96752

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<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X97160

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<221> unsure

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<223> n = a or c or g or t

<400> 3835

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cttgg

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<211> 1314

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X97324

<400> 3836

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<211> 1315

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. X98337

<400> 3837

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<220>
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 3843
 <211> 1965
 <212> DNA
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<220>
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<220>
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<400> 3843						
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 <211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Y00339

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tctctaataa aattcagaat tct 1523

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<210> 3845

<211> 2156

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y00451

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<210> 3846

<211> 1360

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y00503

<400> 3846

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cccgtttgt gtctcgtcc tctcggggg gctacggcgg cggctacggc ggcgtcctga 240
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<210> 3847

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y00705

<400> 3847

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aagatatatg accctgtctg tgggactgat ggaaatactt atcccaatga atgcgtgtta 240
tgttttgaag gtcggaaacg ccagacttct atcctcattc aaaaatctgg gccttgctga 300

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<210> 3848

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y00764

<400> 3848

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<210> 3849

<211> 2303

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y08302

<400> 3849

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<210> 3850

<211> 1635

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y08374

<400> 3850

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<210> 3851

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Y08409

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Genbank Accession No. Z30643

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<213> Homo sapiens

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<223> Genbank Accession No. Z31357

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<223> Genbank Accession No. Z31690

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Z37987

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<211> 273

<212> DNA

<213> Homo sapiens

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<211> 277

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<213> Homo sapiens

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 <223> n = a or c or g or t

<400> 3887
 ctaaaaactac ctttattgtg gttggctcga cataagatgc cgccatcagc agaattataa 60
 aactgtacag gaggcacaaa aataggctgt ttaacttaga taatgacct catgtcttca 120
 agctttaaaa atgcacataa aagttgtaca atctggcagt ttataaaata taangctaaa 180
 aagaggattt tgggttccac aaagaagact gtatcacaca attaacacgt actaattaaa 240
 caattaacca tccacac 257

<210> 3888
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38444

<220>
 <221> unsure
 <222> (1)..(276)
 <223> n = a or c or g or t

<400> 3888
 aggggaaaagt atatttacta gacttccata atccatactt acttttaaatt caatctagaa 60
 ataacatgac tcatattagg caatatactt tgaagatctg tacaacatag taatcacagc 120
 aggggtcttgc taactcacaa atttagcata catgctgcaa aaacatctct cctggngtcc 180
 caagggcttt caaatgttcc accaggggca gtcaagacta gattcacggt gctctcttca 240
 tcatgcgcac aaaatgtgtt ttcccataac accata 276

<210> 3889
 <211> 222
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38462

<220>
 <221> unsure
 <222> (1)..(222)
 <223> n = a or c or g or t

<400> 3889
 gtcaataaat aattccactt taatggcaaa gtaataattt agacagatac aggggtgcaca 60
 ttgcaaaaaa aatatatgca agctgggtta caagctagag gnacaataaa ccaatagaaa 120

atacatcatc cagttaagtc cattgacacc aagtacttat tgttggggct ttacaaagac 180
tacaaaactt ttcagatgat ttatttcact gtttctgcct at 222

<210> 3890
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z38688

<400> 3890
aaaattaaat ttctctttat tcaattgcct ctgagtagtg ctgtgatttc caagtgccag 60
gtagttaggt gtacaaatat acataccaca gaaacataca gtttttaaaa aaattaagaa 120
actggctgca tctgacgaca tcaagaaaaa agataattct gattcaaggg cttctccaga 180
agatgggggt tcatggcat gacgctcata ggatgacctg tcatttttgt actatttttt 240
ctagaacat agagggatga cagtaact 268

<210> 3891
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z38729

<220>
<221> unsure
<222> (1) .. (273)
<223> n = a or c or g or t

<400> 3891
gtatgttggt tcatttaatt cttaaataat cctttacaga ctcagagagg tgaagagagt 60
agcacaggta gtatcagaat tgggattcaa acctgacaca tacactgagc actaagttaa 120
aaccgggcac tgggcagctg ctgaggatgc gatggtgagt acancagact gcttgctctt 180
tttgatatct agaattctac agctctgctt gctcatcctt gtctgttgct atttactagt 240
tgacatcttc gttgactacc tagaagcagc tgc 273

<210> 3892
<211> 293
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z38777

<400> 3892
ataaaacaca attactttat tgattttctta caataaaata ctgccaaacta gcattacgtc 60
cactcttgca tcattaaaaa caaaggggtat ttcctccttg gtattttcaa atgatgcatt 120
atacaataaa cgaagttaga acttaaaatg caccctgatt aattatgtaa actggtaatt 180
tgttttaaaa agcataataa tttggttcct ttcttcataa aatggaaatt taaatatttc 240
ttctgatagt cttgagggtta tcattatgag tagtgcaaag tgtggcacat ata 293

<210> 3893
<211> 238
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z38904

<220>
 <221> unsure
 <222> (1)..(238)
 <223> n = a or c or g or t

<400> 3893
 ggcatttaat gcactagatg ctcttatctt tttaaaaaca taagaaaatg tcagaagatt 60
 aataatacta cagatgttgc caaggaacaa gactgaccta aaattacaaa agtataaaac 120
 acaaaaatat aacatgctac aagggaaaat tagtacataa gtacacttaa aaaattttnc 180
 aataaataaa gattgcactg taattggcat ttaaagtact gtatgcagaa tataatat 238

<210> 3894
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38909

<400> 3894
 ctttaacttc aatagaagag tagataaaac taaaaaccct tattgtctcc aagtgtgtgg 60
 caaaatagaa aatctttcaa ttacattagg aaatcggtg gataacggag tatagttatt 120
 ccacttaaga agcattccag tcaataatc acaaaaacaa attcagattg cttggatctt 180
 ggtcatttat ggcttgaaga actggatttg aaaaccactt taggctaaaa taaatgtata 240
 tgaataatgc atagactgtg tatctagaaa atcatgcaat aaatatatg 289

<210> 3895
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z38910

<220>
 <221> unsure
 <222> (1)..(285)
 <223> n = a or c or g or t

<400> 3895
 aaagttctga ttggctactg taaaggcaat cttagaagat gcatgtaaat ataataataa 60
 tcaactttct tatcaattag acattttccc cactcacatc tcttagtttt tagggatttc 120
 agtcccagca accaaaaaaa aaaatgtaaa tcatattttg tttctggcta atgttcaatc 180
 agtttttnc ttataagagc ttttgatgta ctgtttctac ggttcttttag gcacttacac 240
 ataaaaacat tcagaggggtt ttccccttaa cacacaactt ttaat 285

<210> 3896
 <211> 292
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39059

<400> 3896
 ccagggtcaac acgcttttat tgccacttct ggctcccctc gtcccagcaa gattcctacc 60
 tcttaccctg taggaatact gagctccgat gcaggggaat ggggtggggg tgttaccact 120
 tctcctctgc aactgcca gttaaagaaa accctgcttg ctggagaggg agggccagac 180
 agggaggaat tcaagggcat gtatggctca gtcccacttc tgactgcaga gtataggac 240
 cagggttcca aacttttttc gaagtaaggg aggtggggaa gaatttggt gc 292

<210> 3897
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39079

<220>
<221> unsure
<222> (1)..(299)
<223> n = a or c or g or t

<400> 3897
aatggtcagc aatgtctttt taatacagat gtggtacaga atgtttaatt acagcagggc 60
agtgattcca gttaataaaa attaaaaacc tttattttcc caaatataaa attactaaat 120
taaagtctta aaagaaaaata taacatgggtg acagctttaa agtacaccac cattcaccac 180
aggntttatg atttaccat tacatactcc accatttttg caaaaggatg aaattcttaa 240
aactgtttat aaacctaata tagtaaagac tgtatacatc tccatattgc acattttta 299

<210> 3898
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39191

<220>
<221> unsure
<222> (1)..(312)
<223> n = a or c or g or t

<400> 3898
gaaaacaaaa taaattttatt cgtcctcctc cacataacat tttccctgaa ggagagtgtc 60
cctggcacct ggcccagctt ccacaatgga atggataggc cccttcctc cttttactcc 120
ctaattggcc caaagctttt gaacagacc tcaaaccaag cagaggaagc catggtgtgc 180
cttccaccac tggagggtta catttgaaat tgggtgtcca attttaaaac gtcccagctg 240
ccataggaga ggctcttggg agtggcctcc agntcttgac aagggccac agaggccact 300
gccccatcac gg 312

<210> 3899
<211> 174
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39200

<400> 3899
gtatgagtct gtgatgtatc aagtgtcca actactcaag gtagcgcaga agggaaaaca 60
ggcacaggcc ggggggtttt gggtgattac acaaatgggc ttggcctcct taccactg 120
caaactgctg aggcgcaagg gagtcccg ccctcagcct ggaccctggg accg 174

<210> 3900
<211> 256
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39379

<400> 3900
 cctgatggtg gaaatcattt tattctcata cacaggttat tacagcacia ttaggaagag 60
 acaatcacaa ctcacacaat gctatattca aattatgcc aagtcccaac atattcattt 120
 catttgcaag ttaattccta aaagatcaga gcagagtgat acacaagttt attaacacag 180
 actacaacgt caatgaagcc tcttggcatt gtcggaaata gaaaacatgt ataaaaatct 240
 tcgaaatgca gggttaa 256

<210> 3901
 <211> 307
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39394

<220>
 <221> unsure
 <222> (1) .. (307)
 <223> n = a or c or g or t

<400> 3901
 gacacttcct taaatacatg tttattttac ttcaatatcg ctcagggttg tatgtatttg 60
 aatacttcag tactattttg aacatttcta atatgaaata ccataaagcg ttcaaattta 120
 tcaaacagtg gtacaatatg gttactaaac ttgcaactta atttacaatg acgttcaatt 180
 ttncctcttc aataaaaatc actgactttg gtccatttga tgagaaacta ggacatatgc 240
 catgacagca tacttctagc actctatgta ataagcaaaa gataatttag ctaatataga 300
 caggtta 307

<210> 3902
 <211> 312
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39406

<220>
 <221> unsure
 <222> (1) .. (312)
 <223> n = a or c or g or t

<400> 3902
 aactgcaaa aaggatcatc atttacagaa gagtgattta aagacattat ggttttcttt 60
 acagatgtaa gancagcaac tgttcaattt ttaaaaactc tacatctcaa ccctccacta 120
 ttattatagt ccaactgaatt gcctgtatca aaggcagttt tttgtttggt tttttcccat 180
 ttgactctcc aaatgaactt ccatcatttc ttcacatctc gtgggctggc tctcctgaaa 240
 agtctcaggg aataagtcac aggagggcag gtttttgacc tgctactaaa aattaaacca 300
 caaaaactag ag 312

<210> 3903
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39429

<400> 3903
 accaaaagaa atctttattc ttcagcaggt agacaacatc tgccaaccct ggtcctcagg 60
 gccacactca tatgcaactc ccctcagca gcatatcgcc ccttttctga catataaatg 120

caagagaccc aggaccctag atctttcttc aaacgcaagt gttctcacac acacttattt 180
 taaaaatcca ctagaaatat ggactcttat gttctttgta cagccatgca acagaggcct 240
 agcatttgtg ctgtgtctgt gggaaaggca gtcagagacc agtgggttcc ctgctttggg 300
 gaagatggct caacagttag taatcccagg ttagattgtc agaacagtct ag 352

<210> 3904
 <211> 258
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39431

<220>
 <221> unsure
 <222> (1)..(258)
 <223> n = a or c or g or t

<400> 3904
 acaaatnatt tcctttattc cccctgcctc ccaatttcca ggtagctcta caaagacatt 60
 cagacagagc cacatgcagg ctgtccttca aacacagaga aacaaaactg agccactggc 120
 tggagatcac atntgcccac aggtggactt ttctcattca atgccactgg gcagctggcc 180
 aaagaaaaaa aaactgacca agcggaaggt ttgaacaggt tgggggtgggg actcagaagg 240
 ggggtgcccc acatccat 258

<210> 3905
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39476

<220>
 <221> unsure
 <222> (1)..(347)
 <223> n = a or c or g or t

<400> 3905
 gctttccagc ttttatgaaa attaataaca ttaatagctc acagacatat acatacacac 60
 acattgctat gtacacagtc attaagttat taattaggct ctgtaaaaaa aagggtttcta 120
 cattagtgtt ccgggctagg cccantcagt ccttggcata ttcacagtgg cagccccagg 180
 gcttggcccc acaggcaggc agaggggagg caggaggcca cagagcagcc ggccccacag 240
 tgagcacagc aagtgtcctg ggccacctcc ttgagtcttc agttcccttc ctagcacctg 300
 cagtccagct gctcagcaag ccggcagaca ggtcctgata ccttctg 347

<210> 3906
 <211> 228
 <212> DNA
 <213> Homo sapiens

<220>
 <223> Genbank Accession No. Z39569

<220>
 <221> unsure
 <222> (1)..(228)
 <223> n = a or c or g or t

<400> 3906
 ggtgtcacat ccattttattg tccatgaggc tacagctcca ttctnagggc caggaatggg 60

caagcctgcc cagtgtgcca ttcctgcctc ccagctcttt ccttggnngc ctaccatggt 120
gccagcctgg agctctgcct gtcctactgg gaccgagcag acagcccctt ggcccaccat 180
tcgtaacaca gggacttggc tggcctcacc ccantggcgg ggtctcct 228

<210> 3907
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39622

<220>
<221> unsure
<222> (1) .. (296)
<223> n = a or c or g or t

<400> 3907
aacagaaaga aaaaagtctc tggacaccag acccacatat ggtatttaca aatttggtgt 60
gaaccctgcc tctgggtctg ccagagctg aagagtgaat ctattacaga gatcagagct 120
gtcaggataa ttatcaagtg cagtaaaaaa tagcattttg aaaaaaatat atacctttag 180
tattgccttt ctagaattaa ctataagcaa gaaaaactta ttttttaaag angaaaagaa 240
tacttttnca ctcttactta taagagctgg ttgtagcagc actactaaag ctagtt 296

<210> 3908
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39682

<400> 3908
cagatacaaa gcagtattta tacattttatt tatatatgta tttttacttc agaagaaacg 60
aacatttcgg ggacaggaag caagcaggcc cggggctgct tccctcactg cccacctcag 120
agtcagagtt ggcacatgac aaataccaag ctcagggaga agaactggga gttaactggg 180
aagtaggggg cgctctatgc acacgcaggc ttctaagggt gcacgggatg ggcaggagga 240
tttgcactgg gaggccctat gtacagcttg aagctagggg gagattagcc cagtgactac 300
aggaacaaac gccaaaggag ag 322

<210> 3909
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39818

<400> 3909
gggttcaagt ggtctttatt agatccacat aagaatctag aaaatgataa aatatcacia 60
aacacagcac aatgtgggtt caccaataat gaaatataga gagaggatct tatgttttaa 120
atTTTTgtaa catatagtcc aaaacaaata gataattata cattctgcaa tagatgagga 180
cattggcagg gcatataaaa ttagactcct gggcttcaaa tgactaagtt ggaagcatta 240
gcaaactcaa ggaagggaac attcagaggc tataatgggc ttaatgctgc tatttaaagt 300
aatgaagcat tttctctgct ttctggattc atttc 335

<210> 3910
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39833

<220>
<221> unsure
<222> (1)..(342)
<223> n = a or c or g or t

<400> 3910
ctttatatgt attatatatt nnattaataa ataggttttc ttcattaaac acagaacata 60
taacagattg aaacactccc cccctcccc caattccaaa gacaagagtc tataaaacaa 120
atgccagctg tactacccta agggcagaaa aagtctggtg acccccaccc agccctgccc 180
ctgcagcacc accaccccc cactctgcaa gagaaggggg tctggggctt ctcccttgga 240
ccctggggac ttaggtgaga agcatgtgaa tgtatgatgt cacctctcca tgaggcatgg 300
gctatgcaaa gatgagggtt ccttctcatt ggctctgacc ag 342

<210> 3911
<211> 302
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39930

<400> 3911
ggtgcagaca aggcagcttt attgtacttt gggggagaaa aacatgattc catttacggg 60
gaaaaaagcc attgacactc agtaagcaac actgccatct agtggaatgg tgacacacca 120
ccaagaattt caagaccga taggaaatgt gagtggattt ggtttcaatt ttcaccacaa 180
aacagcactt ttaataagct ggttttcaga gaacttcaga tttttttgag aaactacttt 240
ttatctttaa aatgcataaa tgtatgtgtt ttctctgttt tgggggggtg gttaagaatg 300
ag 302

<210> 3912
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39976

<220>
<221> unsure
<222> (1)..(273)
<223> n = a or c or g or t

<400> 3912
acatgaacaa cataagtatt tatttgaaaa acattttcca tttaagtaaa atggcaaatt 60
agctagagta gcttcttact gctaattcta tttgcactca cagtcacttt tattcatcat 120
attcaaagat attgctacca aaaatgattt cacaaagtat ttagaaaaaa tatatacagt 180
ctctctaata gaaagttaat taaaacaaca agctaggca atatcaagct aagaaaggna 240
accaattgac atatataacc acaataaat aaa 273

<210> 3913
<211> 289
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z39978

<220>

<221> unsure
<222> (1)..(289)
<223> n = a or c or g or t

<400> 3913

```
ctgcacattc cagttttggc ttttatttaa cattgactat acaatactct ggtactacca 60
catgtttaca acccagaaag atgtactttt atgttagtgt ctgtaaagag ggatttaaaa 120
tgtgtatttt aaacacagca gttgagctga gtgcatttnc tatagtacgc tgagggtgta 180
cctattctat ttcaaataaa ttctcaattc ccagccactg aatcataaat gcaataaaaa 240
aatcaacag aaatgangaa cttaataaaa catgttgtcc aaaaaaata 289
```

<210> 3914

<211> 223

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40006

<400> 3914

```
gagtgtatta aaggatgttt atttagaaaa gaaaaattag ctttgacaag agacacctgc 60
acatttgtgt agccaaggag atgtcagtga gagcagaagg tgaatccttc atggagactg 120
aacacaggtg gccagctgtg gcagcgacag tgaacacatg tcagtgtcgg cctgggggca 180
gagtggttga atgctttaag tctggtggag agcctgcctt gct 223
```

<210> 3915

<211> 310

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40192

<400> 3915

```
gctgggtcaag gcagagttta ctgaactggt agtttcctcc tgcacacacc gggcatgaca 60
ccttcaagtc tgtccagcag tgggtccaga aagtaccctg tgtgccttgg acgcagaggc 120
tacagtcttc actgtgtggc atgggagcct tcacagtgcc ctcgaggact gcccttggtc 180
tttctctgca aagggtgact ggaggataga aaaagcagcg ggctggcatt gtttcggggg 240
tgggggtggtg ggcagtgtgc ctgggcagtc gcagggaggt tgacttggtt ctgggctgca 300
agatctgtgc 310
```

<210> 3916

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40259

<400> 3916

```
atagcaaata ataaatttat taggtgccta caagtacaaa atactgaaag ccgctgcagg 60
ggattataaa gatgtgtaag agacaagccc tgccctcaaa gagcttaca tctaggcaat 120
tagtcacaca aataagttgt gatggcgctc taagtgacct cagcagagtt cttgaaaatg 180
ttcatatcct tcaaattctt ctcttgtcaa attaaacagt gggaaagaga acttttgtgg 240
cattcactgg tgaccctgac tctgcttgca agcatctttc tgctgttgca cgttgctc 297
```

<210> 3917

<211> 341

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40305

<400> 3917

```
cagaggtata tccattttatt gtgggcaaga cagggttatgg gagggagaga agaggaggcc 60
tggctagcaa aggtgatctt aatatgtaaa tgaaacctta caggcagcag ctctcagaaa 120
gaataagctc taaaagtttc ttccagacct ttacagctgt cagactctca gttaatcttt 180
cctagatctg ggcaaggaaa gacttggtctg catcaatgca gattccctac agatgcaaat 240
ctcctcaacg aaagacaact ttgcagggtt acttctgcag ctggctttct gaacagacat 300
ctcaaaatat gtcaagaaa tgtatttttg ggtaaaatat t 341
```

<210> 3918

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40556

<220>

<221> unsure

<222> (1) .. (346)

<223> n = a or c or g or t

<400> 3918

```
gagaatacaa gaacctttta ttttccatcc agttgggcag cagggaaagg ctaggtgggc 60
ccagcctgcc ctctcttctt ccagctggct ggatttatta tnagccagga gaaagcagcc 120
ctggaaccca gactctgtct ccccttgag gtcacagatg ttgaagtgg aatctcgctc 180
cttcccctga ctaccatcct aggtcgggct tcaagactag tgaggcctgt cccaccatc 240
cctggccttg ttgtggggct caggaactca gagtcccagt gttgagtctg ggagcactag 300
gtcttcatag ttccaggccc agagctacag ctgggctggg agcatg 346
```

<210> 3919

<211> 276

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40583

<220>

<221> unsure

<222> (1) .. (276)

<223> n = a or c or g or t

<400> 3919

```
ctctgtaaaa gcatttcctc tgaatatattt attcagaaaa aaaacacaaa aagataagac 60
agaaacaaaa atcccagtc tctgcagtat ctgtcggctt tcaatttgg tctctttttt 120
aaataaagaa aaatagtaaa attaatctat gtaaaacatg ccatatata tcaactgcta 180
ctaaatataa aangctttta aactgtgtgt tcaatttttg ttattgtatt accacaacac 240
ttatattaaa acatgtatac ttttaaatg ggtttc 276
```

<210> 3920

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40715

<400> 3920

```

aaaattcctt attttatttc aaaaaatgta ggggtgggga agtaacatga taaacattac 60
gatcagctcc ctatgggttc attctgcctc tgcgggggtc gggggcatac agtagctggg 120
gggcatgcca ttgccatggc aaccagatg cttagatgca ggtccctcct ggctgcttag 180
agctgggggg actaggcgcc ctccccgaaa gccccattc tgagttgttg gtgcctgccc 240
ttcccttgaa tctaagaact gattagtggg ttagactgca acagcagctc ag 292

```

```

<210> 3921
<211> 324
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> Genbank Accession No. Z40883

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ccacgggctg gctgtgcgca acccccacag ttacacctcag acactaccaa gcaggtcagt 180
cgacaaaagc aaggaattaa acaaaaaaca gaaatacact cagtagattt cttctagaag 240
ctcccagagt ttctggacca ccaagtccca acccccacaa ccaggagcga ggggactaac 300
agcgcacccc ctccaccagt gccg 324

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<210> 3922
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<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. Z40898

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<400> 3922
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tgctacacgg gttatgcttg gactctgact cccagcagca ggtagattca ggaattcatg 180
gcagtgacat tcaccatcat gggaaacacc ttcccttttc ttcaggattc tctgtagtgg 240
aagagagcac ccagtgttgg gctgaaaaca 270

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<210> 3923
<211> 314
<212> DNA
<213> Homo sapiens

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<220>
<223> Genbank Accession No. Z40902

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<220>
<221> unsure
<222> (1)..(314)
<223> n = a or c or g or t

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ttcgggggtg ctgccccag ctgtttcatc ttctcttctg aggctttgtc tggaagcagg 180
acctccacag tgaaattgac cttcttggca tgaatgaagc tgtaggtgtt gtcaaaccgc 240
agacatagat gccaggatca ctgcaggatg gggccccatc ttcagggacc aggtgggagt 300
tgtacctctg gttg 314

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<210> 3924
<211> 277
<212> DNA

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<213> Homo sapiens

<220>

<223> Genbank Accession No. Z40945

<220>

<221> unsure

<222> (1)..(277)

<223> n = a or c or g or t

<400> 3924

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tgtaaacatt ttaactatcc ctcttaccac cccccaactt ttgantttac aaagcaaagg 120
agagtaggag ccccaatttt taatgggttc ctctcccttc atgctatttg atccaaaaac 180
tatatacaat tttgtagcag tctctgtata gttattacac atgttttagaa gggagggagg 240
caagaaggga tagggagaat ggtgatccaa aataata 277
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<210> 3925

<211> 236

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41042

<220>

<221> unsure

<222> (1)..(236)

<223> n = a or c or g or t

<400> 3925

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agtacagacc agttgtctta ataatgtcct ttagagcaga agaaaatccc tgggcaggca 180
gtgtgctcag ctgccacttc tctttagggtc agaggagtgc ctttaggatg gtgaca 236
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<210> 3926

<211> 235

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41103

<220>

<221> unsure

<222> (1)..(235)

<223> n = a or c or g or t

<400> 3926

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gagagaggag cacccttca aggctggtcg aggaggcatg tcccaaagga agagttcaag 120
gcggtttcca gagaggaagg aacagccagg gccttgcttc aacatgggaa cggatttngg 180
cctccacttn taggactcca gaaacagaaa gggctgtttn acggagctgg ggacg 235
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<210> 3927

<211> 193

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41271

<400> 3927

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aaacaccaca catacacaaa gcatttttaaa ggagccacat atatctatat agcaactctg 60
actgcttttc aaagttacca gggaaaggaa cttattcagg ctttctttaa aaaaactcct 120
tagttttaat gtatatcttt ttaagattga tgctgtcatt tgaagtaaaa taatgtcata 180
tggataatgg ggg                                     193
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<210> 3928

<211> 173

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41349

<220>

<221> unsure

<222> (1) .. (173)

<223> n = a or c or g or t

<400> 3928

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aggccggcag ntcgcccagt gcccacaaaca ctgccaccct gaagtagtgt tggaagctgc 120
tccagggatg ttgcagccct aagcacagtg acaggtgggg gcaggagcag cag          173
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<210> 3929

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41356

<220>

<221> unsure

<222> (1) .. (272)

<223> n = a or c or g or t

<400> 3929

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tgcgggggcc tcaactctac tgggccaggc ttgaagacca ccctgggtct gtccaccagc 180
ctttttcctc ctctaggctc ctgccctttt cccaggccag aggcagtaac accaaagaag 240
tcggctcata accaggtgaa aggggtccgt cg          272
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<210> 3930

<211> 237

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z41415

<400> 3930

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acatttccaa ggtctttaca ataagttata gcgtccaggt ccaacacagc atatttgcac 180
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<210> 3931

<211> 293
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41634

<220>
<221> unsure
<222> (1)..(293)
<223> n = a or c or g or t

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cattaacttt caaacaaaaa gacttaacga atttacaaat tttccaaga cgtgagangt 180
gaaaaatgtt tttgaatgcc atctgagcag gatagtaaaa tcaactagant agtcttttta 240
agttctcagt tactggactg aaaagataaa gctgatgaaa attggtgaac aat 293

<210> 3932
<211> 242
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41740

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aatttatatt tttaaaacac tgaacatgat gaagacatca ataaaggaag atcatcacgt 180
aaatgacact tcctcagaat ccacatgacac agaaacagct atagcaaata cctaagcatt 240
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<210> 3933
<211> 283
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41747

<400> 3933
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gccaacagtc cactccttcc tagtgctgag gcccccatca cat 283

<210> 3934
<211> 288
<212> DNA
<213> Homo sapiens

<220>
<223> Genbank Accession No. Z41798

<400> 3934
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aagtgaccca ccaggagagg tggaccagag agctctctgc ctggagggct gtggctgggg 180

agcacgaccg gatgatgcag agctggagga aggcgtgggt aagtggccgc agccgggcaa 240
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<210> 3935

<211> 3923

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z46629

<400> 3935

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<211> 2326

<212> DNA

<213> Homo sapiens

<220>

<223> Genbank Accession No. Z47553

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 <212> DNA
 <213> Homo sapiens

<220>
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 <212> DNA
 <213> Homo sapiens

<220>
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<211> 2093

<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Z48633

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<212> DNA

<213> Homo sapiens

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<223> Genbank Accession No. Z49269

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<223> Genbank Accession No. Z74616

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